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Date: November 14, 2008

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
October 2008 Monthly Report**

This October 2008 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at the Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area. Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites.

Pyrex dishes are in place at both sites to capture settling dust. The dust is being collected onto filters using a personal sampling pump, in conjunction with twice-weekly site visits. The first set of filters has been submitted to a laboratory for total particulate and trace metals analysis. Additional sampling using dustfall jars was implemented on October 17, 2008.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from October 1st through October 31st, with 99.6% availability for TSP at the Opportunity location and 99.6% availability for PM10 at the Warm Springs location.
 - Downtime at the Opportunity location occurred on October 2 at 15:00 MST and on October 14 from 14:00 MST through 15:00 MST for monthly calibration checks and routine maintenance.
 - Downtime at the Warm Springs location occurred on October 2 at 14:00 MST and on October 14 from 13:00 MST through 14:00 MST for monthly calibration checks and routine maintenance.
- The hourly average data record for the month is attached. Current data is available for real-time electronic download on demand, and public viewing at:
<http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).

- At the Opportunity location the maximum TSP reading for the period on a daily average basis was $51 \mu\text{g}/\text{m}^3$, and the average monthly concentration for October was $19 \mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was $306 \mu\text{g}/\text{m}^3$. This value was associated with moderate northerly winds. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was $38 \mu\text{g}/\text{m}^3$, and the average monthly concentration for October was $7 \mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was $287 \mu\text{g}/\text{m}^3$. This value was associated with light northerly winds, and occurred at the same time as the maximum hourly reading at Opportunity. This indicates a regional (versus local) particulate source. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, October 2008

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	51	10/27/2008	3.4	300
Daily 2nd Max	50	10/29/2008	3.5	179
Daily 3rd Max	42	10/9/2008	6.6	352
Daily 4th Max	41	10/12/2008	5.0	3
Hourly 1st Max	306	10/12/2008 07:00	8.1	350
Hourly 2nd Max	303	10/7/2008 14:00	14.1	243
Hourly 3rd Max	289	10/9/2008 19:00	9.8	347
Hourly 4th Max	258	10/27/2008 11:00	5.1	30

Table 2
Warm Springs Site PM10 Maximum Data, October 2008

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	38	10/12/2008	3.5	353
Daily 2nd Max	13	10/3/2008	3.1	173
Daily 3rd Max	13	10/2/2008	3.5	194
Daily 4th Max	10	10/1/2008	3.2	182
Hourly 1st Max	287	10/12/2008 07:00	5.8	345
Hourly 2nd Max	192	10/12/2008 09:00	5.6	347
Hourly 3rd Max	184	10/21/2008 18:00	3.4	270
Hourly 4th Max	155	10/12/2008 08:00	4.9	343

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was 75 $\mu\text{g}/\text{m}^3$, the 24-hour standard was 200 $\mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for October at Opportunity were below these historical standards. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- Daily average PM10 results for the month of October were well below the 24-hour Montana Ambient Air Quality Standard of 150 $\mu\text{g}/\text{m}^3$ at the Warm Springs monitoring site. The average monthly concentration was below the annual PM10 standard of 50 $\mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was below normal according to Butte airport records.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in October were from the southwest quadrant. Northerly winds were also common.
 - Figure 2 shows the Warm Springs location, where the predominant wind directions were southerly and northerly.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
October 1, 2008	29	1.6	3.6	174	15.4	59.6	41
October 2, 2008	23	1.5	3.5	224	15.9	60.6	44
October 3, 2008	23	1.4	3.2	187	12.7	54.8	58
October 4, 2008	5	1.8	4.0	256	10.7	51.3	67
October 5, 2008	4	2.2	4.8	270	6.4	43.5	62
October 6, 2008	9	1.7	3.8	289	5.3	41.5	63
October 7, 2008	34	3.8	8.6	249	8.8	47.8	51
October 8, 2008	12	2.4	5.3	285	2.3	36.1	46
October 9, 2008	42	2.9	6.6	352	-2.7	27.1	68
October 10, 2008	18	6.0	13.5	3	-2.1	28.1	68
October 11, 2008	37	6.1	13.6	6	-2.9	26.7	69
October 12, 2008	41	2.2	5.0	3	-5.0	23.0	80
October 13, 2008	8	1.8	4.0	187	0.4	32.7	65
October 14, 2008	3	2.6	5.8	252	5.4	41.8	61
October 15, 2008	7	1.7	3.7	229	3.5	38.3	65
October 16, 2008	8	1.8	4.0	243	5.5	42.0	65
October 17, 2008	9	2.4	5.3	208	10.0	49.9	56
October 18, 2008	8	2.2	5.0	346	10.4	50.7	57
October 19, 2008	7	1.4	3.1	309	6.7	44.1	72
October 20, 2008	22	2.4	5.5	215	7.7	45.8	63
October 21, 2008	3	2.8	6.4	281	0.8	33.4	65
October 22, 2008	7	1.7	3.8	194	-0.5	31.1	57
October 23, 2008	10	2.3	5.1	227	4.8	40.7	50
October 24, 2008	9	2.0	4.4	212	3.0	37.4	57
October 25, 2008	14	2.9	6.6	272	9.4	48.9	37
October 26, 2008	10	1.7	3.9	324	2.4	36.4	47
October 27, 2008	51	1.5	3.4	300	3.4	38.1	46
October 28, 2008	34	1.5	3.3	176	6.0	42.9	52
October 29, 2008	50	1.6	3.5	179	6.8	44.2	48
October 30, 2008	20	1.9	4.3	194	8.7	47.6	42
October 31, 2008	25	1.9	4.2	206	10.3	50.6	41

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
October 1, 2008	10	1.5	3.2	182	15.8	60.4	42
October 2, 2008	13	1.6	3.5	194	16.2	61.1	46
October 3, 2008	13	1.4	3.1	173	12.7	54.9	62
October 4, 2008	6	1.6	3.6	209	10.8	51.4	71
October 5, 2008	1	2.0	4.4	289	7.3	45.2	63
October 6, 2008	4	1.4	3.1	319	5.7	42.2	64
October 7, 2008	6	3.8	8.5	221	10.0	49.9	49
October 8, 2008	2	2.7	6.0	260	2.7	36.8	47
October 9, 2008	8	2.3	5.2	345	-2.4	27.7	69
October 10, 2008	5	3.8	8.5	351	-2.1	28.2	66
October 11, 2008	0	3.7	8.2	351	-3.0	26.6	69
October 12, 2008	38	1.6	3.5	353	-5.3	22.5	81
October 13, 2008	7	1.4	3.2	176	-0.3	31.4	69
October 14, 2008	0	2.3	5.0	210	5.6	42.0	64
October 15, 2008	5	1.0	2.2	184	2.9	37.1	69
October 16, 2008	4	1.4	3.1	221	4.9	40.8	69
October 17, 2008	5	2.6	5.9	198	9.8	49.7	59
October 18, 2008	3	2.1	4.7	272	11.8	53.2	55
October 19, 2008	5	1.0	2.2	123	7.2	44.9	74
October 20, 2008	7	2.5	5.6	203	8.0	46.5	63
October 21, 2008	10	1.9	4.2	264	-0.1	31.7	73
October 22, 2008	2	1.6	3.6	178	-0.6	30.9	60
October 23, 2008	6	1.4	3.2	179	2.3	36.1	62
October 24, 2008	4	1.3	2.9	237	2.1	35.7	63
October 25, 2008	5	3.0	6.8	232	10.6	51.2	37
October 26, 2008	5	1.2	2.6	343	1.8	35.3	52
October 27, 2008	9	0.9	2.0	8	1.5	34.8	58
October 28, 2008	8	0.9	2.1	42	4.5	40.2	59
October 29, 2008	7	1.2	2.6	140	5.6	42.1	56
October 30, 2008	7	2.3	5.2	183	9.4	48.8	42
October 31, 2008	5	2.2	4.9	197	10.6	51.1	43

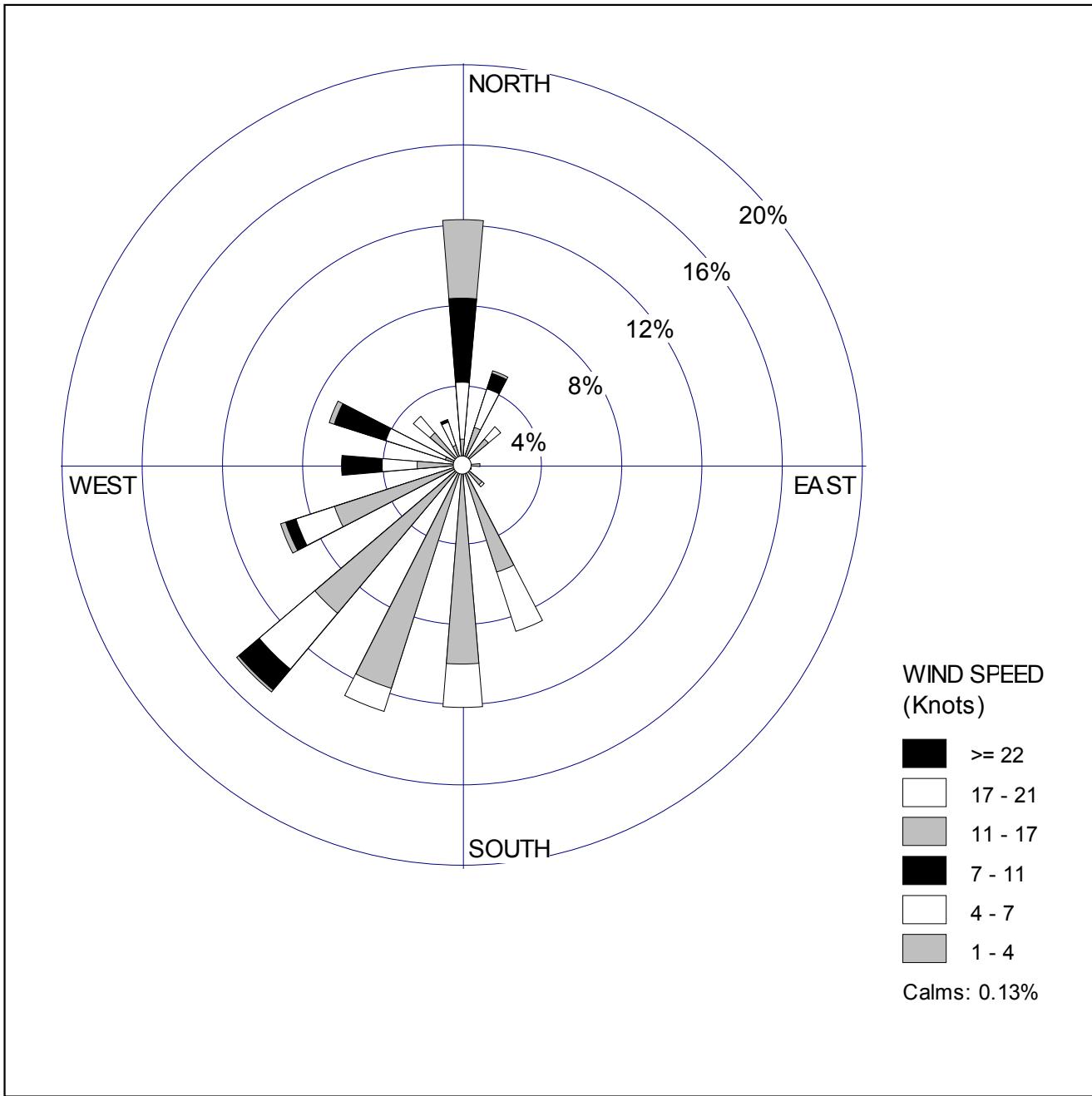


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site October 2008.

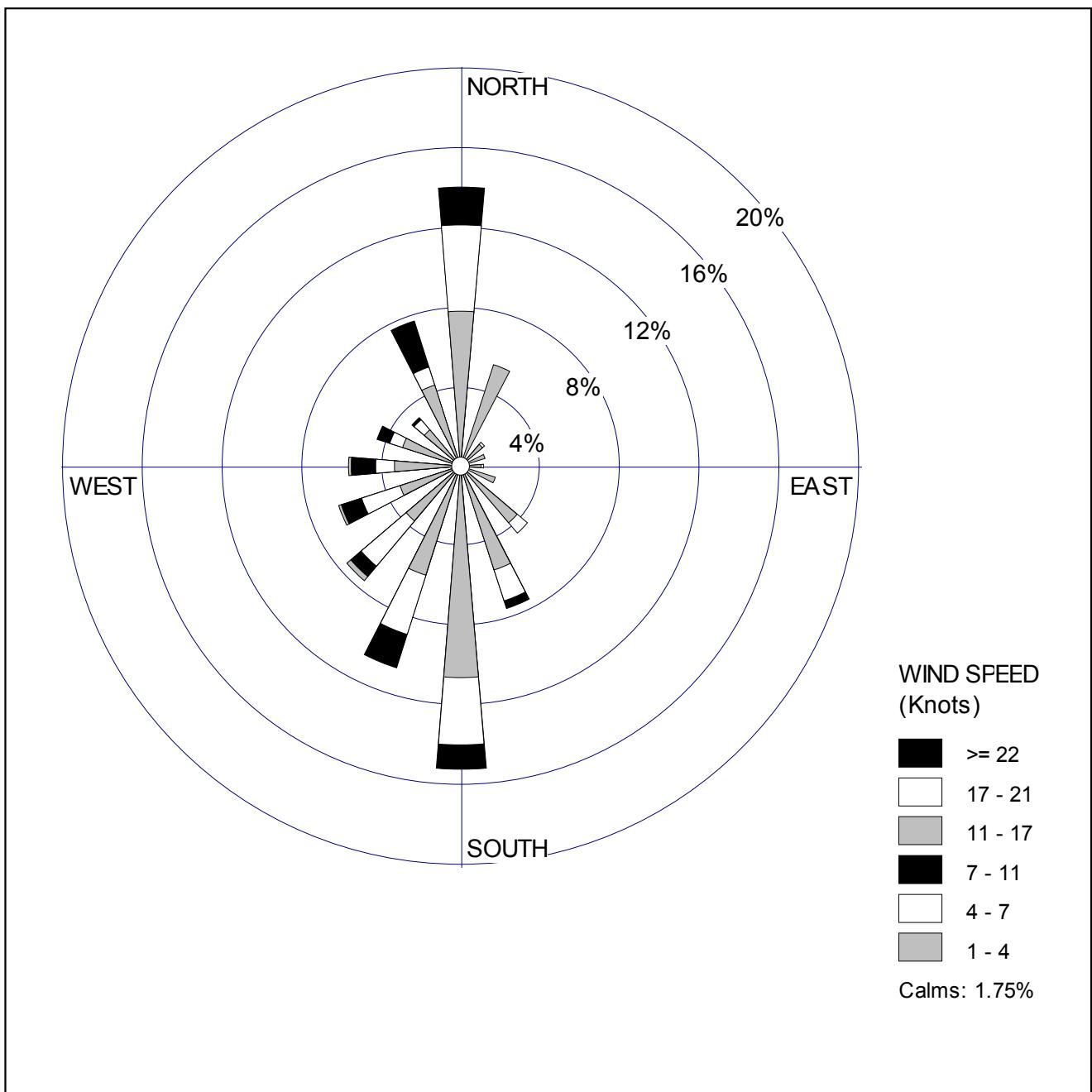


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site October 2008.

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
October 2008

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/1/2008 1:00	9	0.8	1.8	210	6.0	42.8	59
10/1/2008 2:00	6	1.1	2.5	205	6.6	43.9	58
10/1/2008 3:00	13	1.3	2.9	199	9.8	49.6	43
10/1/2008 4:00	15	1.8	4.0	184	10.3	50.5	42
10/1/2008 5:00	9	1.4	3.1	199	9.9	49.8	44
10/1/2008 6:00	20	1.8	4.0	169	11.1	52.0	39
10/1/2008 7:00	39	1.7	3.8	84	10.2	50.4	45
10/1/2008 8:00	21	1.3	2.9	197	8.5	47.3	56
10/1/2008 9:00	7	1.4	3.1	184	13.4	56.1	42
10/1/2008 10:00	28	1.8	4.0	158	18.7	65.7	28
10/1/2008 11:00	41	2.0	4.5	161	21.9	71.4	21
10/1/2008 12:00	36	1.3	2.9	200	25.2	77.4	17
10/1/2008 13:00	37	1.6	3.6	81	27.0	80.6	17
10/1/2008 14:00	54	2.6	5.8	33	27.1	80.8	19
10/1/2008 15:00	43	3.8	8.5	24	25.5	77.9	20
10/1/2008 16:00	59	2.9	6.5	307	24.0	75.2	24
10/1/2008 17:00	28	2.4	5.4	54	21.9	71.4	29
10/1/2008 18:00	35	1.5	3.4	241	19.8	67.6	34
10/1/2008 19:00	98	1.0	2.2	160	15.7	60.3	47
10/1/2008 20:00	26	1.2	2.7	201	15.6	60.1	48
10/1/2008 21:00	28	0.8	1.8	208	13.1	55.6	56
10/1/2008 22:00	23	0.9	2.0	214	11.1	52.0	60
10/1/2008 23:00	16	1.0	2.2	237	9.4	48.9	62
10/2/2008 0:00	14	0.9	2.0	205	6.7	44.1	69
10/2/2008 1:00	8	1.1	2.5	232	5.3	41.5	74
10/2/2008 2:00	7	1.1	2.5	243	5.2	41.4	72
10/2/2008 3:00	12	0.9	2.0	220	4.9	40.8	72
10/2/2008 4:00	6	1.2	2.7	225	5.3	41.5	72
10/2/2008 5:00	13	1.2	2.7	233	6.3	43.3	66
10/2/2008 6:00	13	1.1	2.5	192	6.0	42.8	66
10/2/2008 7:00	26	1.4	3.1	225	6.8	44.2	64
10/2/2008 8:00	23	1.9	4.3	182	9.0	48.2	56
10/2/2008 9:00	34	1.9	4.3	174	12.5	54.5	46
10/2/2008 10:00	39	1.9	4.3	180	16.3	61.3	37
10/2/2008 11:00	39	1.7	3.8	195	20.5	68.9	30
10/2/2008 12:00	32	2.1	4.7	147	25.0	77.0	21
10/2/2008 13:00	31	1.7	3.8	219	26.7	80.1	16
10/2/2008 14:00	16	2.0	4.5	211	26.9	80.4	15
10/2/2008 15:00	BA	2.3	5.1	232	26.8	80.2	15
10/2/2008 16:00	30	1.7	3.8	195	27.1	80.8	15
10/2/2008 17:00	30	1.1	2.5	146	25.4	77.7	20
10/2/2008 18:00	37	1.5	3.4	300	22.0	71.6	30
10/2/2008 19:00	22	1.3	2.9	266	19.8	67.6	33
10/2/2008 20:00	24	1.5	3.4	263	19.8	67.6	32
10/2/2008 21:00	26	1.7	3.8	320	18.4	65.1	38
10/2/2008 22:00	17	1.5	3.4	306	16.9	62.4	46
10/2/2008 23:00	25	1.7	3.8	343	15.2	59.4	53
10/3/2008 0:00	25	1.6	3.6	263	13.1	55.6	60
10/3/2008 1:00	27	1.1	2.5	261	10.5	50.9	68
10/3/2008 2:00	27	1	2.2	248	8.9	48.0	73
10/3/2008 3:00	16	1.5	3.4	217	9.2	48.6	73
10/3/2008 4:00	25	0.8	1.8	203	6.9	44.4	78
10/3/2008 5:00	21	1.1	2.5	176	7.5	45.5	77
10/3/2008 6:00	20	0.8	1.8	159	8.3	46.9	75
10/3/2008 7:00	14	0.9	2.0	250	8.5	47.3	79
10/3/2008 8:00	18	1.0	2.2	176	8.7	47.7	84
10/3/2008 9:00	23	0.9	2.0	157	10.3	50.5	79
10/3/2008 10:00	17	1.4	3.1	146	13.8	56.8	64
10/3/2008 11:00	15	1.9	4.3	150	17.4	63.3	46
10/3/2008 12:00	25	2.4	5.4	151	18.1	64.6	41
10/3/2008 13:00	40	2.9	6.5	166	20.2	68.4	33
10/3/2008 14:00	38	2.7	6.0	176	18.7	65.7	33
10/3/2008 15:00	25	2.3	5.1	166	19.2	66.6	33
10/3/2008 16:00	30	2.2	4.9	155	18.7	65.7	34
10/3/2008 17:00	25	1.3	2.9	197	19.0	66.2	31
10/3/2008 18:00	48	1.2	2.7	214	16.6	61.9	40
10/3/2008 19:00	19	1.6	3.6	235	14.9	58.8	43
10/3/2008 20:00	18	1.2	2.7	182	13.5	56.3	48
10/3/2008 21:00	21	0.9	2.0	219	11.3	52.3	58
10/3/2008 22:00	22	0.9	2.0	217	8.3	46.9	67
10/3/2008 23:00	15	1.3	2.9	226	7.9	46.2	65
10/4/2008 0:00	-1	1.3	2.9	238	7.2	45.0	68
10/4/2008 1:00	14	1.2	2.7	243	7.3	45.1	69
10/4/2008 2:00	11	1.1	2.5	249	8.3	46.9	67
10/4/2008 3:00	7	1.2	2.7	243	9.3	48.7	66
10/4/2008 4:00	6	1.4	3.1	234	10.9	51.6	63
10/4/2008 5:00	21	1.2	2.7	165	10.5	50.9	73
10/4/2008 6:00	8	1.3	2.9	161	9.3	48.7	84
10/4/2008 7:00	15	1.5	3.4	176	9.4	48.9	84
10/4/2008 8:00	10	1.2	2.7	188	9.1	48.4	85
10/4/2008 9:00	0	1.1	2.5	96	9.4	48.9	80
10/4/2008 10:00	0	1.7	3.8	185	11.4	52.5	68
10/4/2008 11:00	1	2.2	4.9	215	13.0	55.4	59
10/4/2008 12:00	0	2.2	4.9	214	13.5	56.3	56
10/4/2008 13:00	1	3.2	7.2	229	13.7	56.7	55

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/4/2008 14:00	8	3.4	7.6	248	13.9	57.0	53
10/4/2008 15:00	-2	2.2	4.9	301	14.2	57.6	53
10/4/2008 16:00	2	1.7	3.8	311	15.2	59.4	46
10/4/2008 17:00	6	2.1	4.7	2	15.1	59.2	47
10/4/2008 18:00	2	1.4	3.1	83	12.8	55.0	61
10/4/2008 19:00	5	0.9	2.0	273	10.2	50.4	71
10/4/2008 20:00	19	3.1	6.9	284	9.0	48.2	71
10/4/2008 21:00	3	2.9	6.5	312	8.3	46.9	69
10/4/2008 22:00	-5	1.7	3.8	304	8.1	46.6	70
10/4/2008 23:00	-2	1.8	4.0	311	7.9	46.2	75
10/5/2008 0:00	-2	1.7	3.8	319	7.8	46.0	73
10/5/2008 1:00	-1	1.0	2.2	318	6.4	43.5	80
10/5/2008 2:00	12	0.9	2.0	273	4.7	40.5	83
10/5/2008 3:00	-5	0.8	1.8	235	2.3	36.1	90
10/5/2008 4:00	-1	0.7	1.6	216	0.8	33.4	91
10/5/2008 5:00	9	1.2	2.7	186	0.9	33.6	90
10/5/2008 6:00	0	1.1	2.5	164	0.4	32.7	87
10/5/2008 7:00	18	1.3	2.9	160	0.9	33.6	84
10/5/2008 8:00	-4	1.1	2.5	147	2.6	36.7	78
10/5/2008 9:00	2	3.6	8.1	238	7.0	44.6	63
10/5/2008 10:00	5	2.0	4.5	252	9.1	48.4	52
10/5/2008 11:00	7	2.6	5.8	265	9.5	49.1	50
10/5/2008 12:00	-2	3.1	6.9	279	9.7	49.5	45
10/5/2008 13:00	14	3.5	7.8	289	10.6	51.1	43
10/5/2008 14:00	2	4.0	8.9	284	10.5	50.9	47
10/5/2008 15:00	0	3.7	8.3	284	10.3	50.5	43
10/5/2008 16:00	8	3.8	8.5	280	11.4	52.5	34
10/5/2008 17:00	3	BA	BA	BA	10.4	50.7	35
10/5/2008 18:00	9	2.1	4.7	285	9.5	49.1	39
10/5/2008 19:00	12	1.9	4.3	292	8.3	46.9	45
10/5/2008 20:00	2	2.7	6.0	287	7.9	46.2	52
10/5/2008 21:00	4	3.6	8.1	275	5.8	42.4	65
10/5/2008 22:00	1	2.0	4.5	281	5.7	42.3	64
10/5/2008 23:00	2	1.2	2.7	204	5.5	41.9	62
10/6/2008 0:00	3	1.6	3.6	4	3.7	38.7	71
10/6/2008 1:00	-1	2.0	4.5	39	3.7	38.7	75
10/6/2008 2:00	7	2.3	5.1	8	3.3	37.9	76
10/6/2008 3:00	2	1.4	3.1	268	1.4	34.5	81
10/6/2008 4:00	16	1.2	2.7	255	0.0	32.0	85
10/6/2008 5:00	16	0.9	2.0	248	-1.7	28.9	88
10/6/2008 6:00	13	0.9	2.0	220	-1.2	29.8	88
10/6/2008 7:00	8	0.8	1.8	264	-0.7	30.7	86
10/6/2008 8:00	8	1.2	2.7	217	1.7	35.1	76
10/6/2008 9:00	0	1.3	2.9	123	4.7	40.5	63
10/6/2008 10:00	39	1.5	3.4	350	7.9	46.2	53
10/6/2008 11:00	7	1.7	3.8	318	9.1	48.4	47
10/6/2008 12:00	7	1.6	3.6	3	10.4	50.7	45
10/6/2008 13:00	6	2.9	6.5	297	11.5	52.7	42
10/6/2008 14:00	16	3.0	6.7	315	12.6	54.7	37
10/6/2008 15:00	9	4.3	9.6	280	13.6	56.5	30
10/6/2008 16:00	5	3.7	8.3	282	13.9	57.0	30
10/6/2008 17:00	5	2.6	5.8	288	13.0	55.4	34
10/6/2008 18:00	15	1.2	2.7	298	11.5	52.7	40
10/6/2008 19:00	3	0.9	2.0	276	6.8	44.2	59
10/6/2008 20:00	9	1.0	2.2	239	4.3	39.7	68
10/6/2008 21:00	15	0.9	2.0	233	0.6	33.1	78
10/6/2008 22:00	8	1.2	2.7	234	0.7	33.3	77
10/6/2008 23:00	1	0.9	2.0	237	-0.4	31.3	79
10/7/2008 0:00	-5	1.2	2.7	249	0.1	32.2	76
10/7/2008 1:00	1	1.5	3.4	195	2.8	37.0	67
10/7/2008 2:00	4	1.6	3.6	173	4.0	39.2	62
10/7/2008 3:00	0	1.9	4.3	172	6.5	43.7	55
10/7/2008 4:00	11	2.3	5.1	184	8.0	46.4	50
10/7/2008 5:00	3	2.1	4.7	170	7.3	45.1	53
10/7/2008 6:00	6	2.7	6.0	159	7.4	45.3	53
10/7/2008 7:00	19	2.6	5.8	146	6.3	43.3	56
10/7/2008 8:00	13	2.9	6.5	157	8.1	46.6	52
10/7/2008 9:00	20	2.9	6.5	187	10.9	51.6	45
10/7/2008 10:00	33	2.6	5.8	201	12.7	54.9	42
10/7/2008 11:00	202	6.4	14.3	234	14.6	58.3	41
10/7/2008 12:00	30	6.7	15.0	240	15.1	59.2	43
10/7/2008 13:00	19	3.8	8.5	236	16.0	60.8	42
10/7/2008 14:00	303	6.3	14.1	243	16.4	61.5	39
10/7/2008 15:00	29	6.0	13.4	284	10.4	50.7	68
10/7/2008 16:00	1	5.5	12.3	274	9.5	49.1	64
10/7/2008 17:00	14	5.6	12.5	277	9.6	49.3	58
10/7/2008 18:00	16	5.3	11.9	287	9.2	48.6	52
10/7/2008 19:00	11	5.8	13.0	287	8.7	47.7	43
10/7/2008 20:00	9	4.9	11.0	287	7.5	45.5	45
10/7/2008 21:00	11	4.0	8.9	292	6.4	43.5	47
10/7/2008 22:00	21	3.1	6.9	274	5.5	41.9	46
10/7/2008 23:00	18	2.3	5.1	274	4.1	39.4	48
10/8/2008 0:00	15	3.4	7.6	285	4.0	39.2	48
10/8/2008 1:00	20	3.2	7.2	293	3.8	38.8	44
10/8/2008 2:00	17	2.2	4.9	288	3.4	38.1	45
10/8/2008 3:00	19	1.9	4.3	280	2.7	36.9	47
10/8/2008 4:00	15	1.0	2.2	218	-1.5	29.3	63
10/8/2008 5:00	13	1.4	3.1	134	-2.9	26.8	67
10/8/2008 6:00	15	1.2	2.7	171	-1.6	29.1	64
10/8/2008 7:00	10	1.3	2.9	240	-0.9	30.4	62

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/8/2008 8:00	10	1.4	3.1	249	0.8	33.4	55
10/8/2008 9:00	9	2.3	5.1	255	3.7	38.7	44
10/8/2008 10:00	18	3.7	8.3	280	4.1	39.4	37
10/8/2008 11:00	15	4.1	9.2	287	5.3	41.5	33
10/8/2008 12:00	11	4.0	8.9	288	6.3	43.3	30
10/8/2008 13:00	16	3.6	8.1	300	7.4	45.3	28
10/8/2008 14:00	13	4.0	8.9	292	7.8	46.0	26
10/8/2008 15:00	9	3.8	8.5	294	8.1	46.6	24
10/8/2008 16:00	16	3.6	8.1	291	8.1	46.6	25
10/8/2008 17:00	7	3.0	6.7	295	7.5	45.5	27
10/8/2008 18:00	4	2.3	5.1	295	5.7	42.3	32
10/8/2008 19:00	6	2.4	5.4	9	3.3	37.9	40
10/8/2008 20:00	3	2.2	4.9	38	1.8	35.2	46
10/8/2008 21:00	7	1.6	3.6	250	-1.6	29.1	56
10/8/2008 22:00	4	1.4	3.1	252	-3.0	26.6	59
10/8/2008 23:00	13	0.6	1.3	172	-5.7	21.7	69
10/9/2008 0:00	11	0.8	1.8	244	-7.4	18.7	75
10/9/2008 1:00	8	1.1	2.5	223	-7.6	18.3	73
10/9/2008 2:00	5	0.9	2.0	236	-7.8	18.0	74
10/9/2008 3:00	7	0.7	1.6	238	-9.4	15.1	78
10/9/2008 4:00	14	0.7	1.6	185	-10.6	12.9	80
10/9/2008 5:00	5	0.9	2.0	232	-9.6	14.7	79
10/9/2008 6:00	13	0.5	1.1	224	-10.9	12.4	81
10/9/2008 7:00	17	1.1	2.5	250	-10.6	12.9	81
10/9/2008 8:00	20	0.9	2.0	167	-7.5	18.5	71
10/9/2008 9:00	12	1.0	2.2	179	-3.4	25.9	59
10/9/2008 10:00	24	1.4	3.1	26	-0.3	31.5	50
10/9/2008 11:00	17	2.4	5.4	16	1.8	35.2	47
10/9/2008 12:00	10	3.2	7.2	27	3.4	38.1	42
10/9/2008 13:00	25	4.1	9.2	1	4.3	39.7	37
10/9/2008 14:00	40	4.8	10.7	1	4.6	40.3	37
10/9/2008 15:00	74	6.0	13.4	356	3.8	38.8	44
10/9/2008 16:00	69	6.3	14.1	349	2.4	36.3	53
10/9/2008 17:00	57	6.2	13.9	350	1.0	33.8	63
10/9/2008 18:00	23	5.3	11.9	350	-0.7	30.7	77
10/9/2008 19:00	289	4.4	9.8	347	-1.4	29.5	85
10/9/2008 20:00	119	3.4	7.6	342	-1.8	28.8	89
10/9/2008 21:00	96	3.0	6.7	347	-1.7	28.9	88
10/9/2008 22:00	7	3.6	8.1	1	-1.2	29.8	85
10/9/2008 23:00	5	4.3	9.6	1	-1.1	30.0	81
10/10/2008 0:00	59	4.5	10.1	358	-1.3	29.7	81
10/10/2008 1:00	29	5.3	11.9	359	-1.5	29.3	79
10/10/2008 2:00	11	6.2	13.9	0	-2.0	28.4	78
10/10/2008 3:00	30	6.7	15.0	359	-2.6	27.3	78
10/10/2008 4:00	21	6.4	14.3	357	-3.1	26.4	78
10/10/2008 5:00	15	6.4	14.3	357	-3.3	26.1	77
10/10/2008 6:00	16	6.1	13.6	358	-3.3	26.1	79
10/10/2008 7:00	16	6.1	13.6	354	-3.4	25.9	80
10/10/2008 8:00	27	6.8	15.2	358	-0.7	30.7	75
10/10/2008 9:00	20	6.2	13.9	0	-2.5	27.5	71
10/10/2008 10:00	31	6.6	14.8	6	-1.9	28.6	66
10/10/2008 11:00	26	7.0	15.7	5	-1.7	28.9	66
10/10/2008 12:00	34	7.7	17.2	6	-1.3	29.7	62
10/10/2008 13:00	37	7.7	17.2	8	-1.0	30.2	59
10/10/2008 14:00	36	7.7	17.2	5	-1.1	30.0	57
10/10/2008 15:00	15	7.0	15.7	4	-1.1	30.0	56
10/10/2008 16:00	17	6.2	13.9	10	-1.0	30.2	56
10/10/2008 17:00	2	5.7	12.8	2	-1.4	29.5	61
10/10/2008 18:00	21	5.1	11.4	2	-1.8	28.8	62
10/10/2008 19:00	6	4.7	10.5	359	-2.1	28.2	63
10/10/2008 20:00	2	4.6	10.3	7	-2.0	28.4	59
10/10/2008 21:00	7	5.2	11.6	9	-2.3	27.9	57
10/10/2008 22:00	8	5.0	11.2	7	-2.8	27.0	63
10/10/2008 23:00	2	4.4	9.8	11	-3.6	25.5	68
10/11/2008 0:00	4	4.2	9.4	7	-4.0	24.8	71
10/11/2008 1:00	9	4.4	9.8	3	-4.0	24.8	69
10/11/2008 2:00	4	4.2	9.4	6	-4.2	24.4	71
10/11/2008 3:00	-3	4.2	9.4	8	-4.1	24.6	68
10/11/2008 4:00	2	4.3	9.6	12	-4.2	24.4	70
10/11/2008 5:00	28	4.9	11.0	13	-4.2	24.4	72
10/11/2008 6:00	6	5.3	11.9	10	-4.5	23.9	76
10/11/2008 7:00	7	5.6	12.5	6	-4.4	24.1	76
10/11/2008 8:00	14	5.6	12.5	7	-4.0	24.8	75
10/11/2008 9:00	76	6.9	15.4	7	-3.5	25.7	75
10/11/2008 10:00	61	7.1	15.9	7	-2.7	27.1	71
10/11/2008 11:00	111	7.9	17.7	4	-2.0	28.4	67
10/11/2008 12:00	108	7.9	17.7	7	-1.8	28.8	65
10/11/2008 13:00	107	8.1	18.1	4	-1.4	29.5	63
10/11/2008 14:00	100	7.8	17.4	3	-0.9	30.4	62
10/11/2008 15:00	84	7.4	16.6	7	-0.9	30.4	63
10/11/2008 16:00	99	6.9	15.4	12	-1.0	30.2	64
10/11/2008 17:00	38	6.9	15.4	9	-1.2	29.8	63
10/11/2008 18:00	22	6.7	15.0	3	-1.9	28.6	65
10/11/2008 19:00	5	6.1	13.6	5	-2.6	27.3	68
10/11/2008 20:00	3	6.1	13.6	0	-3.1	26.4	70
10/11/2008 21:00	2	5.4	12.1	5	-3.3	26.1	69
10/11/2008 22:00	5	4.8	10.7	5	-3.5	25.7	69
10/11/2008 23:00	8	5.4	12.1	0	-3.6	25.5	71
10/12/2008 0:00	0	5.5	12.3	5	-3.7	25.3	70
10/12/2008 1:00	14	5.1	11.4	4	-3.9	25.0	72

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/12/2008 2:00	8	4.4	9.8	5	-4.0	24.8	74
10/12/2008 3:00	75	4.2	9.4	6	-4.1	24.6	75
10/12/2008 4:00	-4	3.1	6.9	7	-4.2	24.4	74
10/12/2008 5:00	26	3.1	6.9	11	-4.2	24.4	72
10/12/2008 6:00	137	3.5	7.8	1	-4.7	23.5	81
10/12/2008 7:00	306	3.6	8.1	350	-5.1	22.8	87
10/12/2008 8:00	74	2.7	6.0	340	-5.2	22.6	87
10/12/2008 9:00	128	2.7	6.0	339	-4.9	23.2	87
10/12/2008 10:00	85	3.0	6.7	354	-4.5	23.9	86
10/12/2008 11:00	63	3.2	7.2	4	-4.3	24.3	84
10/12/2008 12:00	15	2.6	5.8	6	-3.8	25.2	82
10/12/2008 13:00	1	1.9	4.3	8	-3.1	26.4	79
10/12/2008 14:00	-4	1.3	2.9	36	-2.2	28.0	75
10/12/2008 15:00	7	1.4	3.1	18	-1.8	28.8	71
10/12/2008 16:00	3	1.3	2.9	29	-2.4	27.7	71
10/12/2008 17:00	-1	1.0	2.2	17	-3.1	26.4	78
10/12/2008 18:00	0	0.5	1.1	81	-3.4	25.9	83
10/12/2008 19:00	2	0.4	0.9	165	-4.1	24.6	86
10/12/2008 20:00	5	0.8	1.8	207	-6.8	19.8	87
10/12/2008 21:00	-1	0.8	1.8	218	-9.1	15.6	87
10/12/2008 22:00	13	0.8	1.8	239	-10.9	12.4	84
10/12/2008 23:00	5	0.9	2.0	174	-10.3	13.5	85
10/13/2008 0:00	18	1.3	2.9	147	-9.4	15.1	83
10/13/2008 1:00	9	1.2	2.7	133	-9.9	14.2	83
10/13/2008 2:00	30	0.7	1.6	331	-11.0	12.2	85
10/13/2008 3:00	19	0.9	2.0	193	-10.7	12.7	84
10/13/2008 4:00	-5	0.9	2.0	151	-10.0	14.0	84
10/13/2008 5:00	21	1.3	2.9	165	-7.5	18.5	84
10/13/2008 6:00	9	1.2	2.7	107	-7.8	18.0	83
10/13/2008 7:00	8	1.3	2.9	150	-8.3	17.1	81
10/13/2008 8:00	17	1.1	2.5	131	-7.2	19.0	79
10/13/2008 9:00	-1	1.3	2.9	97	-5.0	23.0	76
10/13/2008 10:00	4	2.0	4.5	148	-1.3	29.7	66
10/13/2008 11:00	5	2.8	6.3	164	0.8	33.4	59
10/13/2008 12:00	-2	3.1	6.9	157	3.2	37.8	54
10/13/2008 13:00	11	2.7	6.0	163	5.4	41.7	51
10/13/2008 14:00	12	2.1	4.7	201	7.7	45.9	47
10/13/2008 15:00	1	1.6	3.6	257	8.5	47.3	49
10/13/2008 16:00	12	2.1	4.7	223	10.1	50.2	43
10/13/2008 17:00	9	2.3	5.1	236	9.1	48.4	50
10/13/2008 18:00	4	3.2	7.2	251	8.1	46.6	53
10/13/2008 19:00	-2	3.4	7.6	236	7.5	45.5	53
10/13/2008 20:00	4	1.8	4.0	212	7.0	44.6	56
10/13/2008 21:00	6	2.0	4.5	209	6.3	43.3	58
10/13/2008 22:00	2	1.5	3.4	180	5.6	42.1	59
10/13/2008 23:00	12	1.3	2.9	168	4.4	39.9	64
10/14/2008 0:00	0	1.4	3.1	162	3.9	39.0	67
10/14/2008 1:00	4	1.8	4.0	179	4.0	39.2	67
10/14/2008 2:00	-2	2.2	4.9	175	4.8	40.6	63
10/14/2008 3:00	0	2.0	4.5	184	4.8	40.6	62
10/14/2008 4:00	1	2.2	4.9	181	4.6	40.3	63
10/14/2008 5:00	6	3.2	7.2	223	5.4	41.7	59
10/14/2008 6:00	0	3.4	7.6	231	6.1	43.0	58
10/14/2008 7:00	13	2.3	5.1	222	5.9	42.6	60
10/14/2008 8:00	-4	1.9	4.3	160	5.5	41.9	63
10/14/2008 9:00	2	1.7	3.8	220	6.5	43.7	62
10/14/2008 10:00	1	2.3	5.1	232	6.9	44.4	63
10/14/2008 11:00	2	2.7	6.0	234	7.7	45.9	62
10/14/2008 12:00	1	4.1	9.2	265	8.2	46.8	57
10/14/2008 13:00	7	3.8	8.5	274	9.9	49.8	49
10/14/2008 14:00	BA	3.9	8.7	286	9.7	49.5	48
10/14/2008 15:00	BA	3.9	8.7	290	8.5	47.3	52
10/14/2008 16:00	3	3.8	8.5	291	8.4	47.1	52
10/14/2008 17:00	-2	3.5	7.8	287	7.5	45.5	54
10/14/2008 18:00	0	2.7	6.0	304	6.5	43.7	57
10/14/2008 19:00	1	2.1	4.7	312	5.1	41.2	61
10/14/2008 20:00	4	2.7	6.0	299	4.8	40.6	60
10/14/2008 21:00	8	2.2	4.9	281	4.0	39.2	61
10/14/2008 22:00	5	1.2	2.7	237	0.4	32.7	73
10/14/2008 23:00	11	1.1	2.5	143	-2.3	27.9	82
10/15/2008 0:00	12	1.2	2.7	207	-2.8	27.0	85
10/15/2008 1:00	17	0.9	2.0	224	-3.6	25.5	85
10/15/2008 2:00	15	1.0	2.2	211	-3.5	25.7	86
10/15/2008 3:00	22	1.0	2.2	209	-2.4	27.7	83
10/15/2008 4:00	1	0.7	1.6	231	-2.1	28.2	83
10/15/2008 5:00	1	0.5	1.1	284	-2.1	28.2	84
10/15/2008 6:00	11	0.8	1.8	189	-2.0	28.4	81
10/15/2008 7:00	7	0.9	2.0	230	-1.9	28.6	83
10/15/2008 8:00	-5	1.0	2.2	234	-1.1	30.0	78
10/15/2008 9:00	-1	1.4	3.1	230	1.6	34.9	67
10/15/2008 10:00	-3	1.6	3.6	151	4.6	40.3	59
10/15/2008 11:00	-1	1.7	3.8	151	6.5	43.7	53
10/15/2008 12:00	7	1.6	3.6	204	8.0	46.4	48
10/15/2008 13:00	0	3.5	7.8	244	9.0	48.2	44
10/15/2008 14:00	30	1.6	3.6	353	8.6	47.5	48
10/15/2008 15:00	15	1.7	3.8	324	8.9	48.0	47
10/15/2008 16:00	8	1.8	4.0	243	9.5	49.1	42
10/15/2008 17:00	8	2.3	5.1	243	8.9	48.0	45
10/15/2008 18:00	4	2.6	5.8	243	8.0	46.4	49
10/15/2008 19:00	7	3.4	7.6	238	6.9	44.4	52
10/15/2008 20:00	3	3.2	7.2	238	6.0	42.8	57

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/15/2008 21:00	7	2.4	5.4	230	5.2	41.4	62
10/15/2008 22:00	14	1.1	2.5	197	3.4	38.1	70
10/15/2008 23:00	8	1.5	3.4	199	3.5	38.3	72
10/16/2008 0:00	2	1.4	3.1	194	3.5	38.3	72
10/16/2008 1:00	6	1.2	2.7	200	3.1	37.6	73
10/16/2008 2:00	5	0.9	2.0	170	1.7	35.1	75
10/16/2008 3:00	4	0.8	1.8	175	1.5	34.7	76
10/16/2008 4:00	-3	1.0	2.2	76	1.7	35.1	75
10/16/2008 5:00	6	2.5	5.6	230	3.7	38.7	69
10/16/2008 6:00	10	1.4	3.1	175	3.1	37.6	70
10/16/2008 7:00	1	1.5	3.4	171	2.5	36.5	71
10/16/2008 8:00	4	1.6	3.6	175	3.4	38.1	66
10/16/2008 9:00	5	2.5	5.6	220	4.5	40.1	60
10/16/2008 10:00	15	4.6	10.3	234	5.7	42.3	56
10/16/2008 11:00	6	3.2	7.2	278	6.0	42.8	61
10/16/2008 12:00	7	2.4	5.4	253	8.5	47.3	52
10/16/2008 13:00	14	2.1	4.7	353	10.3	50.5	47
10/16/2008 14:00	35	2.1	4.7	356	10.7	51.3	47
10/16/2008 15:00	16	2.3	5.1	340	10.5	50.9	49
10/16/2008 16:00	8	2.5	5.6	261	10.2	50.4	51
10/16/2008 17:00	13	1.9	4.3	42	9.0	48.2	56
10/16/2008 18:00	9	1.1	2.5	67	7.9	46.2	61
10/16/2008 19:00	9	1.4	3.1	23	6.3	43.3	67
10/16/2008 20:00	9	1.2	2.7	51	5.6	42.1	70
10/16/2008 21:00	6	0.8	1.8	242	4.7	40.5	74
10/16/2008 22:00	2	1.0	2.2	236	3.7	38.7	77
10/16/2008 23:00	2	1.0	2.2	205	3.7	38.7	78
10/17/2008 0:00	1	1.4	3.1	193	4.9	40.8	73
10/17/2008 1:00	0	1.7	3.8	173	4.7	40.5	73
10/17/2008 2:00	0	1.6	3.6	197	6.3	43.3	68
10/17/2008 3:00	8	1.8	4.0	160	3.6	38.5	74
10/17/2008 4:00	7	1.5	3.4	186	2.6	36.7	77
10/17/2008 5:00	0	1.5	3.4	172	1.6	34.9	80
10/17/2008 6:00	-1	1.3	2.9	181	1.7	35.1	79
10/17/2008 7:00	6	1.8	4.0	167	2.0	35.6	78
10/17/2008 8:00	2	1.6	3.6	165	3.7	38.7	72
10/17/2008 9:00	4	2.4	5.4	169	7.9	46.2	58
10/17/2008 10:00	12	2.7	6.0	174	10.2	50.4	50
10/17/2008 11:00	15	2.6	5.8	207	12.4	54.3	44
10/17/2008 12:00	36	4.2	9.4	227	14.4	57.9	40
10/17/2008 13:00	35	5.4	12.1	235	16.1	61.0	38
10/17/2008 14:00	10	4.4	9.8	232	17.5	63.5	36
10/17/2008 15:00	16	4.1	9.2	234	18.4	65.1	34
10/17/2008 16:00	12	4.1	9.2	235	18.8	65.8	33
10/17/2008 17:00	4	3.4	7.6	234	18.0	64.4	35
10/17/2008 18:00	24	1.1	2.5	187	15.5	59.9	42
10/17/2008 19:00	-4	1.0	2.2	190	13.0	55.4	50
10/17/2008 20:00	-1	1.3	2.9	199	12.5	54.5	51
10/17/2008 21:00	7	1.5	3.4	221	10.7	51.3	55
10/17/2008 22:00	6	2.0	4.5	186	9.9	49.8	56
10/17/2008 23:00	8	1.9	4.3	190	9.2	48.6	58
10/18/2008 0:00	6	1.7	3.8	246	8.6	47.5	59
10/18/2008 1:00	3	1.4	3.1	239	8.8	47.8	58
10/18/2008 2:00	3	1.5	3.4	189	8.7	47.7	59
10/18/2008 3:00	4	1.3	2.9	228	8.7	47.7	58
10/18/2008 4:00	4	1.2	2.7	162	8.4	47.1	59
10/18/2008 5:00	-1	1.2	2.7	222	7.0	44.6	64
10/18/2008 6:00	7	2.4	5.4	166	6.9	44.4	63
10/18/2008 7:00	16	2.0	4.5	193	6.4	43.5	64
10/18/2008 8:00	20	2.2	4.9	181	6.8	44.2	62
10/18/2008 9:00	12	1.6	3.6	120	8.4	47.1	57
10/18/2008 10:00	10	2.5	5.6	299	11.8	53.2	49
10/18/2008 11:00	7	2.5	5.6	348	12.3	54.1	49
10/18/2008 12:00	13	3.8	8.5	11	14.2	57.6	45
10/18/2008 13:00	16	4.0	8.9	24	15.2	59.4	45
10/18/2008 14:00	9	3.4	7.6	31	15.1	59.2	47
10/18/2008 15:00	19	4.1	9.2	13	15.2	59.4	48
10/18/2008 16:00	11	4.0	8.9	7	13.3	55.9	55
10/18/2008 17:00	10	2.7	6.0	39	12.8	55.0	55
10/18/2008 18:00	5	2.1	4.7	320	12.4	54.3	52
10/18/2008 19:00	3	3.0	6.7	350	11.8	53.2	53
10/18/2008 20:00	5	2.2	4.9	303	10.9	51.6	57
10/18/2008 21:00	2	1.3	2.9	228	9.1	48.4	64
10/18/2008 22:00	10	1.0	2.2	215	7.6	45.7	70
10/18/2008 23:00	3	1.0	2.2	266	8.8	47.8	64
10/19/2008 0:00	4	0.9	2.0	225	8.6	47.5	66
10/19/2008 1:00	3	1.3	2.9	337	7.7	45.9	74
10/19/2008 2:00	0	2.1	4.7	12	7.6	45.7	76
10/19/2008 3:00	9	1.8	4.0	270	6.3	43.3	82
10/19/2008 4:00	9	1.2	2.7	211	5.4	41.7	85
10/19/2008 5:00	20	0.8	1.8	263	2.9	37.2	89
10/19/2008 6:00	-5	1.2	2.7	242	1.0	33.8	91
10/19/2008 7:00	29	0.8	1.8	177	1.5	34.7	91
10/19/2008 8:00	3	0.9	2.0	206	1.2	34.2	91
10/19/2008 9:00	-3	1.1	2.5	185	5.5	41.9	79
10/19/2008 10:00	2	1.5	3.4	155	9.8	49.6	64
10/19/2008 11:00	9	1.4	3.1	151	12.1	53.8	53
10/19/2008 12:00	6	1.1	2.5	135	12.9	55.2	50
10/19/2008 13:00	7	1.5	3.4	40	13.3	55.9	48
10/19/2008 14:00	5	2.1	4.7	28	12.6	54.7	53

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/19/2008 15:00	1	2.7	6.0	22	13.5	56.3	51
10/19/2008 16:00	6	2.7	6.0	2	14.2	57.6	46
10/19/2008 17:00	10	2.6	5.8	359	13.2	55.8	48
10/19/2008 18:00	10	0.9	2.0	321	9.9	49.8	60
10/19/2008 19:00	11	1.0	2.2	244	5.9	42.6	72
10/19/2008 20:00	12	1.0	2.2	196	3.1	37.6	80
10/19/2008 21:00	13	0.9	2.0	239	1.4	34.5	85
10/19/2008 22:00	16	0.8	1.8	221	1.3	34.3	86
10/19/2008 23:00	-5	0.9	2.0	231	-0.1	31.8	89
10/20/2008 0:00	5	1.0	2.2	240	-0.5	31.1	89
10/20/2008 1:00	6	1.6	3.6	242	0.9	33.6	87
10/20/2008 2:00	16	1.4	3.1	219	3.4	38.1	80
10/20/2008 3:00	5	1.3	2.9	224	3.4	38.1	78
10/20/2008 4:00	10	1.6	3.6	214	3.0	37.4	78
10/20/2008 5:00	11	2.3	5.1	178	3.2	37.8	78
10/20/2008 6:00	-3	1.8	4.0	213	2.9	37.2	80
10/20/2008 7:00	18	2.3	5.1	197	3.2	37.8	80
10/20/2008 8:00	7	2.3	5.1	190	3.9	39.0	77
10/20/2008 9:00	15	1.8	4.0	197	5.7	42.3	71
10/20/2008 10:00	8	2.9	6.5	166	9.0	48.2	60
10/20/2008 11:00	20	3.0	6.7	154	12.3	54.1	47
10/20/2008 12:00	31	2.7	6.0	212	12.9	55.2	41
10/20/2008 13:00	14	3.3	7.4	234	13.5	56.3	40
10/20/2008 14:00	16	3.2	7.2	222	16.7	62.1	32
10/20/2008 15:00	14	2.6	5.8	213	17.5	63.5	29
10/20/2008 16:00	29	2.6	5.8	208	17.5	63.5	28
10/20/2008 17:00	33	3.5	7.8	236	15.5	59.9	32
10/20/2008 18:00	14	1.3	2.9	251	12.2	54.0	45
10/20/2008 19:00	20	1.9	4.3	138	10.8	51.4	51
10/20/2008 20:00	8	4.2	9.4	14	8.1	46.6	68
10/20/2008 21:00	222	4.7	10.5	354	5.4	41.7	74
10/20/2008 22:00	-5	3.8	8.5	3	2.0	35.6	82
10/20/2008 23:00	11	1.8	4.0	15	0.7	33.3	87
10/21/2008 0:00	11	0.8	1.8	155	0.7	33.3	87
10/21/2008 1:00	6	0.8	1.8	170	0.2	32.4	88
10/21/2008 2:00	-3	2.3	5.1	224	1.6	34.9	77
10/21/2008 3:00	8	2.4	5.4	267	1.6	34.9	75
10/21/2008 4:00	10	1.0	2.2	145	0.5	32.9	84
10/21/2008 5:00	15	1.9	4.3	279	-0.3	31.5	88
10/21/2008 6:00	-4	2.1	4.7	267	-0.2	31.6	81
10/21/2008 7:00	4	2.7	6.0	283	0.3	32.5	65
10/21/2008 8:00	-5	2.0	4.5	293	0.2	32.4	68
10/21/2008 9:00	1	2.9	6.5	282	1.4	34.5	60
10/21/2008 10:00	6	4.1	9.2	286	1.5	34.7	59
10/21/2008 11:00	0	4.3	9.6	283	1.6	34.9	59
10/21/2008 12:00	-1	3.7	8.3	285	2.0	35.6	56
10/21/2008 13:00	8	4.0	8.9	277	2.6	36.7	52
10/21/2008 14:00	-2	3.8	8.5	281	2.9	37.2	52
10/21/2008 15:00	6	4.4	9.8	288	3.5	38.3	53
10/21/2008 16:00	9	4.0	8.9	289	3.0	37.4	53
10/21/2008 17:00	13	4.4	9.8	290	2.6	36.7	51
10/21/2008 18:00	1	2.6	5.8	341	-0.2	31.6	73
10/21/2008 19:00	5	3.5	7.8	285	0.5	32.9	57
10/21/2008 20:00	3	3.1	6.9	291	0.1	32.2	59
10/21/2008 21:00	1	1.8	4.0	301	-0.7	30.7	61
10/21/2008 22:00	2	2.1	4.7	276	-1.1	30.0	60
10/21/2008 23:00	0	2.4	5.4	263	-1.9	28.6	62
10/22/2008 0:00	0	1.9	4.3	249	-3.3	26.1	66
10/22/2008 1:00	8	1.6	3.6	211	-3.5	25.7	62
10/22/2008 2:00	3	1.4	3.1	163	-5.3	22.5	70
10/22/2008 3:00	5	1.2	2.7	178	-6.3	20.7	75
10/22/2008 4:00	-3	1.0	2.2	179	-6.8	19.8	76
10/22/2008 5:00	-3	1.3	2.9	171	-7.6	18.3	78
10/22/2008 6:00	5	1.6	3.6	196	-7.3	18.9	76
10/22/2008 7:00	8	1.2	2.7	209	-7.4	18.7	76
10/22/2008 8:00	-2	1.6	3.6	209	-6.6	20.1	72
10/22/2008 9:00	3	2.4	5.4	182	-3.7	25.3	64
10/22/2008 10:00	9	2.7	6.0	168	-0.5	31.1	54
10/22/2008 11:00	9	2.6	5.8	164	2.1	35.8	46
10/22/2008 12:00	16	2.1	4.7	194	4.7	40.5	36
10/22/2008 13:00	10	2.2	4.9	171	6.7	44.1	32
10/22/2008 14:00	7	2.2	4.9	171	8.1	46.6	30
10/22/2008 15:00	11	2.4	5.4	277	9.8	49.6	24
10/22/2008 16:00	9	2.9	6.5	9	8.7	47.7	30
10/22/2008 17:00	4	2.1	4.7	10	7.4	45.3	35
10/22/2008 18:00	10	1.0	2.2	345	4.3	39.7	46
10/22/2008 19:00	12	1.0	2.2	249	0.8	33.4	57
10/22/2008 20:00	23	0.8	1.8	223	-2.0	28.4	68
10/22/2008 21:00	21	0.8	1.8	219	-2.7	27.1	71
10/22/2008 22:00	5	1.0	2.2	226	-3.2	26.2	71
10/22/2008 23:00	1	1.4	3.1	199	-1.3	29.7	65
10/23/2008 0:00	7	1.8	4.0	194	-0.7	30.7	63
10/23/2008 1:00	0	1.7	3.8	212	-1.0	30.2	64
10/23/2008 2:00	1	2.0	4.5	194	-0.7	30.7	63
10/23/2008 3:00	3	2.4	5.4	203	-0.4	31.3	62
10/23/2008 4:00	7	1.9	4.3	192	-0.4	31.3	62
10/23/2008 5:00	9	0.9	2.0	308	-4.2	24.4	78
10/23/2008 6:00	-5	1.4	3.1	204	-2.3	27.9	69
10/23/2008 7:00	6	1.9	4.3	203	-1.4	29.5	64
10/23/2008 8:00	3	2.4	5.4	194	-0.2	31.6	61

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/23/2008 9:00	31	2.8	6.3	179	3.1	37.6	49
10/23/2008 10:00	5	3.2	7.2	160	6.3	43.3	41
10/23/2008 11:00	7	2.2	4.9	158	9.8	49.6	34
10/23/2008 12:00	22	3.7	8.3	231	12.2	54.0	27
10/23/2008 13:00	23	5.6	12.5	238	13.4	56.1	25
10/23/2008 14:00	8	3.3	7.4	229	14.2	57.6	24
10/23/2008 15:00	16	2.9	6.5	249	14.1	57.4	26
10/23/2008 16:00	33	2.1	4.7	13	11.7	53.1	40
10/23/2008 17:00	14	2.0	4.5	22	10.4	50.7	43
10/23/2008 18:00	4	2.7	6.0	301	11.2	52.2	31
10/23/2008 19:00	5	2.2	4.9	328	9.6	49.3	36
10/23/2008 20:00	5	2.4	5.4	347	7.3	45.1	44
10/23/2008 21:00	9	1.6	3.6	335	5.8	42.4	48
10/23/2008 22:00	9	1.1	2.5	227	1.7	35.1	60
10/23/2008 23:00	16	1.0	2.2	205	-1.4	29.5	70
10/24/2008 0:00	9	1.0	2.2	233	-2.5	27.5	74
10/24/2008 1:00	4	1.1	2.5	195	-2.8	27.0	75
10/24/2008 2:00	12	1.1	2.5	193	-3.0	26.6	75
10/24/2008 3:00	3	1.2	2.7	180	-3.5	25.7	77
10/24/2008 4:00	4	1.1	2.5	184	-3.7	25.3	79
10/24/2008 5:00	7	1.3	2.9	183	-3.1	26.4	76
10/24/2008 6:00	3	1.6	3.6	170	-3.4	25.9	76
10/24/2008 7:00	10	1.5	3.4	162	-2.9	26.8	76
10/24/2008 8:00	1	2.2	4.9	180	-1.1	30.0	70
10/24/2008 9:00	32	2.1	4.7	176	-0.1	31.8	67
10/24/2008 10:00	1	2.2	4.9	162	2.2	36.0	62
10/24/2008 11:00	3	2.4	5.4	167	5.2	41.4	52
10/24/2008 12:00	21	2.1	4.7	221	8.1	46.6	43
10/24/2008 13:00	1	3.1	6.9	8	6.2	43.2	53
10/24/2008 14:00	13	2.5	5.6	10	7.4	45.3	47
10/24/2008 15:00	12	2.2	4.9	11	9.2	48.6	41
10/24/2008 16:00	0	2.8	6.3	0	9.0	48.2	43
10/24/2008 17:00	13	1.3	2.9	319	7.4	45.3	47
10/24/2008 18:00	20	1.0	2.2	215	5.8	42.4	53
10/24/2008 19:00	20	1.3	2.9	177	3.7	38.7	60
10/24/2008 20:00	17	1.0	2.2	204	2.2	36.0	62
10/24/2008 21:00	0	1.3	2.9	155	4.0	39.2	48
10/24/2008 22:00	7	2.6	5.8	249	7.6	45.7	32
10/24/2008 23:00	11	4.1	9.2	248	8.8	47.8	28
10/25/2008 0:00	4	4.4	9.8	244	8.7	47.7	27
10/25/2008 1:00	7	3.6	8.1	249	8.5	47.3	30
10/25/2008 2:00	6	4.0	8.9	250	9.2	48.6	34
10/25/2008 3:00	4	3.5	7.8	241	9.8	49.6	38
10/25/2008 4:00	5	1.9	4.3	232	9.9	49.8	42
10/25/2008 5:00	10	3.2	7.2	231	10.2	50.4	43
10/25/2008 6:00	7	3.0	6.7	247	10.3	50.5	45
10/25/2008 7:00	24	2.8	6.3	309	9.9	49.8	52
10/25/2008 8:00	12	2.4	5.4	324	9.0	48.2	58
10/25/2008 9:00	13	2.5	5.6	308	10.0	50.0	53
10/25/2008 10:00	16	3.4	7.6	272	10.4	50.7	50
10/25/2008 11:00	16	4.2	9.4	270	10.9	51.6	44
10/25/2008 12:00	37	4.3	9.6	272	12.4	54.3	37
10/25/2008 13:00	48	4.1	9.2	277	13.2	55.8	31
10/25/2008 14:00	27	5.3	11.9	277	13.2	55.8	27
10/25/2008 15:00	23	5.5	12.3	277	13.2	55.8	24
10/25/2008 16:00	16	4.6	10.3	277	12.9	55.2	22
10/25/2008 17:00	10	2.6	5.8	285	12.1	53.8	22
10/25/2008 18:00	11	1.5	3.4	315	9.8	49.6	25
10/25/2008 19:00	6	1.2	2.7	48	6.7	44.1	33
10/25/2008 20:00	6	1.1	2.5	52	6.2	43.2	35
10/25/2008 21:00	5	1.7	3.8	47	6.4	43.5	33
10/25/2008 22:00	8	1.7	3.8	258	6.5	43.7	29
10/25/2008 23:00	7	1.1	2.5	228	3.2	37.8	34
10/26/2008 0:00	1	1.2	2.7	256	1.6	34.9	39
10/26/2008 1:00	2	2.4	5.4	268	4.2	39.6	35
10/26/2008 2:00	3	3.7	8.3	283	5.2	41.4	31
10/26/2008 3:00	10	3.3	7.4	318	4.6	40.3	35
10/26/2008 4:00	7	2.7	6.0	355	2.6	36.7	43
10/26/2008 5:00	7	2.5	5.6	351	1.7	35.1	44
10/26/2008 6:00	3	1.7	3.8	310	0.1	32.2	52
10/26/2008 7:00	17	1.3	2.9	235	-2.7	27.1	61
10/26/2008 8:00	3	0.7	1.6	233	-5.4	22.3	68
10/26/2008 9:00	3	0.9	2.0	177	-1.1	30.0	53
10/26/2008 10:00	5	1.1	2.5	82	3.3	37.9	43
10/26/2008 11:00	12	2.0	4.5	24	3.9	39.0	44
10/26/2008 12:00	4	1.7	3.8	34	5.3	41.5	39
10/26/2008 13:00	14	1.6	3.6	53	7.1	44.8	34
10/26/2008 14:00	14	1.4	3.1	44	8.8	47.8	31
10/26/2008 15:00	10	2.2	4.9	46	9.7	49.5	30
10/26/2008 16:00	10	2.4	5.4	24	9.2	48.6	31
10/26/2008 17:00	14	1.7	3.8	21	8.4	47.1	33
10/26/2008 18:00	14	1.0	2.2	253	4.6	40.3	45
10/26/2008 19:00	40	0.7	1.6	211	-0.9	30.4	62
10/26/2008 20:00	14	1.0	2.2	213	-2.5	27.5	67
10/26/2008 21:00	14	1.2	2.7	231	-3.4	25.9	68
10/26/2008 22:00	12	1.5	3.4	243	-2.6	27.3	62
10/26/2008 23:00	11	1.4	3.1	240	-1.7	28.9	59
10/27/2008 0:00	6	1.3	2.9	226	-0.4	31.3	52
10/27/2008 1:00	8	1.4	3.1	202	-0.3	31.5	49
10/27/2008 2:00	6	1.3	2.9	200	-1.3	29.7	52

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/27/2008 3:00	6	1.3	2.9	197	-1.4	29.5	51
10/27/2008 4:00	6	1.4	3.1	221	-1.9	28.6	52
10/27/2008 5:00	7	1.4	3.1	224	-1.4	29.5	50
10/27/2008 6:00	8	0.9	2.0	114	-2.6	27.3	56
10/27/2008 7:00	19	0.6	1.3	25	-4.9	23.2	66
10/27/2008 8:00	4	1.2	2.7	208	-2.6	27.3	54
10/27/2008 9:00	17	1.8	4.0	196	1.9	35.4	39
10/27/2008 10:00	50	1.7	3.8	175	7.0	44.6	29
10/27/2008 11:00	258	2.3	5.1	30	5.6	42.1	42
10/27/2008 12:00	62	2.5	5.6	26	7.5	45.5	36
10/27/2008 13:00	148	2.5	5.6	32	10.0	50.0	30
10/27/2008 14:00	128	2.8	6.3	31	12.2	54.0	26
10/27/2008 15:00	124	3.0	6.7	16	14.1	57.4	22
10/27/2008 16:00	160	2.5	5.6	6	14.4	57.9	22
10/27/2008 17:00	21	1.4	3.1	342	13.6	56.5	22
10/27/2008 18:00	26	1.0	2.2	237	8.7	47.7	35
10/27/2008 19:00	59	0.6	1.3	215	2.4	36.3	54
10/27/2008 20:00	37	1.0	2.2	207	2.1	35.8	56
10/27/2008 21:00	24	1.0	2.2	239	0.2	32.4	60
10/27/2008 22:00	19	1.0	2.2	239	-0.6	30.9	62
10/27/2008 23:00	12	0.8	1.8	233	-1.0	30.2	65
10/28/2008 0:00	19	1.0	2.2	231	-0.4	31.3	64
10/28/2008 1:00	8	0.6	1.3	243	-0.6	30.9	64
10/28/2008 2:00	12	1	2.2	204	-1.3	29.7	67
10/28/2008 3:00	10	0.9	2.0	203	-1.2	29.8	69
10/28/2008 4:00	3	1.4	3.1	176	0.6	33.1	63
10/28/2008 5:00	15	1.2	2.7	177	1.2	34.2	61
10/28/2008 6:00	7	1.6	3.6	164	0.8	33.4	63
10/28/2008 7:00	9	1.3	2.9	187	0.3	32.5	66
10/28/2008 8:00	6	1.5	3.4	202	1.8	35.2	61
10/28/2008 9:00	19	1.5	3.4	196	4.5	40.1	52
10/28/2008 10:00	34	2.4	5.4	168	8.6	47.5	42
10/28/2008 11:00	17	2.4	5.4	149	12.2	54.0	34
10/28/2008 12:00	29	2.1	4.7	36	12.7	54.9	35
10/28/2008 13:00	99	2.0	4.5	38	14.8	58.6	31
10/28/2008 14:00	77	2.2	4.9	41	16.8	62.2	28
10/28/2008 15:00	156	2.4	5.4	35	18.7	65.7	24
10/28/2008 16:00	125	2.7	6.0	20	17.7	63.9	26
10/28/2008 17:00	34	1.5	3.4	352	16.1	61.0	30
10/28/2008 18:00	34	0.9	2.0	251	10.7	51.3	45
10/28/2008 19:00	26	0.6	1.3	227	4.0	39.2	62
10/28/2008 20:00	32	0.7	1.6	240	1.5	34.7	68
10/28/2008 21:00	13	0.9	2.0	226	0.6	33.1	68
10/28/2008 22:00	10	1.1	2.5	230	0.6	33.1	64
10/28/2008 23:00	17	1.4	3.1	237	1.5	34.7	61
10/29/2008 0:00	12	1.0	2.2	233	2.1	35.8	59
10/29/2008 1:00	5	1.3	2.9	202	2.8	37.0	57
10/29/2008 2:00	9	1.5	3.4	199	4.5	40.1	50
10/29/2008 3:00	9	2	4.5	184	5.1	41.2	48
10/29/2008 4:00	9	1.8	4.0	181	5.2	41.4	47
10/29/2008 5:00	5	1.9	4.3	162	4.5	40.1	49
10/29/2008 6:00	2	1.5	3.4	182	4.4	39.9	51
10/29/2008 7:00	25	1.6	3.6	184	5.0	41.0	49
10/29/2008 8:00	11	1.2	2.7	188	5.2	41.4	48
10/29/2008 9:00	182	1.8	4.0	21	3.4	38.1	60
10/29/2008 10:00	107	1.4	3.1	338	2.7	36.9	61
10/29/2008 11:00	30	1.1	2.5	203	4.6	40.3	54
10/29/2008 12:00	29	1.0	2.2	157	9.7	49.5	39
10/29/2008 13:00	169	1.5	3.4	19	12.9	55.2	32
10/29/2008 14:00	198	2.4	5.4	32	14.8	58.6	30
10/29/2008 15:00	128	3.0	6.7	21	15.9	60.6	28
10/29/2008 16:00	102	2.8	6.3	13	16.3	61.3	26
10/29/2008 17:00	21	1.4	3.1	330	14.7	58.5	30
10/29/2008 18:00	26	1.2	2.7	246	9.4	48.9	44
10/29/2008 19:00	48	0.9	2.0	160	4.8	40.6	57
10/29/2008 20:00	20	1.0	2.2	210	4.4	39.9	58
10/29/2008 21:00	40	1.3	2.9	189	2.9	37.2	61
10/29/2008 22:00	9	1.2	2.7	190	2.5	36.5	61
10/29/2008 23:00	17	1.2	2.7	205	3.2	37.8	59
10/30/2008 0:00	9	1.8	4.0	168	3.4	38.1	57
10/30/2008 1:00	15	1.9	4.3	162	3.9	39.0	54
10/30/2008 2:00	8	1.5	3.4	161	3.1	37.6	55
10/30/2008 3:00	14	1.3	2.9	185	4.9	40.8	50
10/30/2008 4:00	11	1.7	3.8	167	3.5	38.3	53
10/30/2008 5:00	9	1.0	2.2	188	3.0	37.4	55
10/30/2008 6:00	6	1.2	2.7	183	2.4	36.3	57
10/30/2008 7:00	18	1.3	2.9	221	2.8	37.0	56
10/30/2008 8:00	17	1.6	3.6	209	3.7	38.7	53
10/30/2008 9:00	52	2.7	6.0	179	6.3	43.3	46
10/30/2008 10:00	32	3.3	7.4	154	11.1	52.0	36
10/30/2008 11:00	41	2.6	5.8	166	13.5	56.3	31
10/30/2008 12:00	32	2.3	5.1	196	15.5	59.9	24
10/30/2008 13:00	28	2.3	5.1	217	16.5	61.7	23
10/30/2008 14:00	48	3.5	7.8	227	16.8	62.2	23
10/30/2008 15:00	31	4.1	9.2	234	16.7	62.1	24
10/30/2008 16:00	24	3.2	7.2	235	17.1	62.8	24
10/30/2008 17:00	24	1.3	2.9	200	16.2	61.2	26
10/30/2008 18:00	5	1.2	2.7	177	12.0	53.6	36
10/30/2008 19:00	22	1.7	3.8	174	7.7	45.9	46
10/30/2008 20:00	6	1.4	3.1	165	6.8	44.2	46
10/30/2008 21:00	9	1.0	2.2	175	6.4	43.5	47

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/30/2008 22:00	8	0.8	1.8	189	6.1	43.0	48
10/30/2008 23:00	8	1.1	2.5	230	5.9	42.6	49
10/31/2008 0:00	5	1.6	3.6	198	6.0	42.8	48
10/31/2008 1:00	14	1.6	3.6	207	5.2	41.4	50
10/31/2008 2:00	5	1.4	3.1	205	4.7	40.5	51
10/31/2008 3:00	1	2.0	4.5	179	5.8	42.4	47
10/31/2008 4:00	25	3.1	6.9	168	5.9	42.6	46
10/31/2008 5:00	2	1.8	4.0	202	5.9	42.6	46
10/31/2008 6:00	6	1.5	3.4	211	6.4	43.5	44
10/31/2008 7:00	16	1.5	3.4	212	6.6	43.9	44
10/31/2008 8:00	25	1.5	3.4	210	7.2	45.0	42
10/31/2008 9:00	16	1.5	3.4	201	7.8	46.0	41
10/31/2008 10:00	37	1.8	4.0	203	9.5	49.1	37
10/31/2008 11:00	43	1.8	4.0	185	12.1	53.8	33
10/31/2008 12:00	41	1.3	2.9	214	14.5	58.1	30
10/31/2008 13:00	89	1.4	3.1	210	15.4	59.7	29
10/31/2008 14:00	22	1.3	2.9	206	16.4	61.5	27
10/31/2008 15:00	60	3.0	6.7	223	17.4	63.3	24
10/31/2008 16:00	65	5.0	11.2	236	17.1	62.8	27
10/31/2008 17:00	19	3.0	6.7	226	15.5	59.9	31
10/31/2008 18:00	18	2.5	5.6	218	14.2	57.6	35
10/31/2008 19:00	14	1.3	2.9	216	12.0	53.6	43
10/31/2008 20:00	18	1.0	2.2	207	9.8	49.6	50
10/31/2008 21:00	17	1.5	3.4	186	9.0	48.2	53
10/31/2008 22:00	13	2.1	4.7	215	11.4	52.5	48
10/31/2008 23:00	18	1.3	2.9	177	9.7	49.5	54
11/1/2008 0:00	13	1.1	2.5	132	7.9	46.2	63

BA = Routine maintenance / repairs

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
October 2008

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/1/2008 1:00	8	1.3	2.9	188	9.0	48.2	47
10/1/2008 2:00	13	1.6	3.6	194	9.2	48.6	47
10/1/2008 3:00	9	1.3	2.9	178	9.8	49.6	45
10/1/2008 4:00	9	1.7	3.8	141	9.8	49.6	51
10/1/2008 5:00	7	1.6	3.6	235	9.7	49.5	48
10/1/2008 6:00	11	0.8	1.8	71	9.2	48.6	55
10/1/2008 7:00	6	1.0	2.2	330	7.2	45.0	63
10/1/2008 8:00	4	1.4	3.1	173	8.9	48.0	60
10/1/2008 9:00	17	1.7	3.8	170	14.3	57.7	40
10/1/2008 10:00	23	1.7	3.8	204	19.3	66.7	27
10/1/2008 11:00	18	1.9	4.3	206	23.1	73.6	20
10/1/2008 12:00	17	1.3	2.9	328	25.5	77.9	21
10/1/2008 13:00	9	1.6	3.6	358	25.1	77.2	26
10/1/2008 14:00	20	1.7	3.8	14	26.3	79.3	23
10/1/2008 15:00	21	2.0	4.5	5	26.8	80.2	21
10/1/2008 16:00	-3	1.6	3.6	341	23.3	73.9	28
10/1/2008 17:00	9	2.2	4.9	79	22.6	72.7	29
10/1/2008 18:00	8	1.4	3.1	259	19.8	67.6	36
10/1/2008 19:00	-1	1.0	2.2	159	15.4	59.7	51
10/1/2008 20:00	7	0.9	2.0	152	14.9	58.8	54
10/1/2008 21:00	7	1.0	2.2	143	14.4	57.9	53
10/1/2008 22:00	8	1.2	2.7	177	13.0	55.4	56
10/1/2008 23:00	6	1.3	2.9	182	11.0	51.8	59
10/2/2008 0:00	9	1.6	3.6	190	10.5	50.9	57
10/2/2008 1:00	9	1.0	2.2	211	7.6	45.7	67
10/2/2008 2:00	5	1.0	2.2	198	6.9	44.4	69
10/2/2008 3:00	16	1.1	2.5	169	6.8	44.2	68
10/2/2008 4:00	9	1.3	2.9	165	6.9	44.4	65
10/2/2008 5:00	11	0.7	1.6	108	6.2	43.2	67
10/2/2008 6:00	11	1.8	4.0	193	6.8	44.2	64
10/2/2008 7:00	11	1.6	3.6	183	6.7	44.1	65
10/2/2008 8:00	9	1.4	3.1	186	9.0	48.2	58
10/2/2008 9:00	24	1.8	4.0	144	13.5	56.3	48
10/2/2008 10:00	27	2.6	5.8	190	18.4	65.1	34
10/2/2008 11:00	22	3.0	6.7	212	22.2	72.0	28
10/2/2008 12:00	18	2.4	5.4	170	26.0	78.8	20
10/2/2008 13:00	9	2.2	4.9	180	27.6	81.7	16
10/2/2008 14:00	BA	2.8	6.3	167	27.6	81.7	14
10/2/2008 15:00	15	3.0	6.7	196	28.3	82.9	13
10/2/2008 16:00	14	2.0	4.5	265	28.0	82.4	15
10/2/2008 17:00	8	0.9	2.0	28	25.1	77.2	24
10/2/2008 18:00	3	0.8	1.8	330	20.6	69.1	39
10/2/2008 19:00	8	0.7	1.6	96	16.6	61.9	50
10/2/2008 20:00	18	1.9	4.3	309	19.8	67.6	38
10/2/2008 21:00	13	1.2	2.7	353	18.5	65.3	43
10/2/2008 22:00	10	0.9	2.0	0	15.4	59.7	55
10/2/2008 23:00	15	1.1	2.5	332	14.0	57.2	60
10/3/2008 0:00	17	0.6	1.3	262	9.3	48.7	76
10/3/2008 1:00	11	0.8	1.8	103	8.3	46.9	81
10/3/2008 2:00	27	0.8	1.8	126	8.6	47.5	82
10/3/2008 3:00	22	0.7	1.6	295	7.0	44.6	84
10/3/2008 4:00	12	0.8	1.8	141	6.8	44.2	84
10/3/2008 5:00	22	0.6	1.3	306	7.0	44.6	84
10/3/2008 6:00	18	0.7	1.6	110	7.8	46.0	84
10/3/2008 7:00	23	0.8	1.8	305	8.3	46.9	84
10/3/2008 8:00	26	0.8	1.8	183	8.9	48.0	85
10/3/2008 9:00	19	1.0	2.2	165	11.2	52.2	78
10/3/2008 10:00	14	1.3	2.9	178	14.2	57.6	63
10/3/2008 11:00	20	1.8	4.0	185	18.4	65.1	45
10/3/2008 12:00	16	2.1	4.7	153	20.0	68.0	37
10/3/2008 13:00	15	3.6	8.1	164	21.2	70.2	33
10/3/2008 14:00	-3	4.1	9.2	167	20.4	68.7	32
10/3/2008 15:00	1	3.0	6.7	163	19.7	67.5	34
10/3/2008 16:00	14	2.0	4.5	157	19.8	67.6	34
10/3/2008 17:00	10	2.2	4.9	194	19.8	67.6	31
10/3/2008 18:00	6	1.6	3.6	216	18.0	64.4	36
10/3/2008 19:00	4	1.0	2.2	165	14.7	58.5	48
10/3/2008 20:00	7	0.6	1.3	118	13.3	55.9	53
10/3/2008 21:00	9	0.7	1.6	278	11.3	52.3	62
10/3/2008 22:00	9	0.6	1.3	102	8.5	47.3	76
10/3/2008 23:00	7	0.8	1.8	275	6.6	43.9	81
10/4/2008 0:00	13	0.8	1.8	246	5.8	42.4	84
10/4/2008 1:00	9	0.6	1.3	254	6.4	43.5	80
10/4/2008 2:00	15	0.6	1.3	303	7.6	45.7	76
10/4/2008 3:00	13	0.6	1.3	278	7.9	46.2	76
10/4/2008 4:00	14	0.9	2.0	7	8.7	47.7	78
10/4/2008 5:00	7	1.3	2.9	144	9.6	49.3	83
10/4/2008 6:00	26	1.8	4.0	136	10.0	50.0	85
10/4/2008 7:00	15	1.1	2.5	237	9.6	49.3	87
10/4/2008 8:00	-2	1.8	4.0	199	9.8	49.6	87
10/4/2008 9:00	-4	2.0	4.5	175	10.0	50.0	82
10/4/2008 10:00	5	2.0	4.5	163	11.8	53.2	74
10/4/2008 11:00	-2	3.1	6.9	167	13.8	56.8	62
10/4/2008 12:00	7	3.9	8.7	194	14.9	58.8	55
10/4/2008 13:00	2	3.4	7.6	203	15.2	59.4	54

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/4/2008 14:00	5	3.1	6.9	221	15.9	60.6	48
10/4/2008 15:00	-5	2.3	5.1	257	15.2	59.4	50
10/4/2008 16:00	4	1.2	2.7	200	15.4	59.7	48
10/4/2008 17:00	4	1.3	2.9	6	15.3	59.5	52
10/4/2008 18:00	2	0.9	2.0	87	13.5	56.3	59
10/4/2008 19:00	-5	0.8	1.8	320	8.7	47.7	81
10/4/2008 20:00	0	2.5	5.6	267	8.7	47.7	75
10/4/2008 21:00	4	1.2	2.7	39	9.6	49.3	67
10/4/2008 22:00	2	1.0	2.2	346	8.0	46.4	74
10/4/2008 23:00	8	0.8	1.8	281	7.3	45.1	81
10/5/2008 0:00	10	0.9	2.0	315	5.8	42.4	86
10/5/2008 1:00	-4	0.8	1.8	20	6.6	43.9	81
10/5/2008 2:00	9	0.9	2.0	296	4.8	40.6	85
10/5/2008 3:00	-5	0.7	1.6	153	2.3	36.1	90
10/5/2008 4:00	17	0.8	1.8	253	1.6	34.9	91
10/5/2008 5:00	8	1.2	2.7	179	2.1	35.8	90
10/5/2008 6:00	-5	1.7	3.8	216	3.7	38.7	81
10/5/2008 7:00	9	0.9	2.0	224	2.3	36.1	84
10/5/2008 8:00	-5	1.0	2.2	238	4.0	39.2	77
10/5/2008 9:00	7	1.4	3.1	329	7.7	45.9	70
10/5/2008 10:00	1	1.6	3.6	329	10.3	50.5	57
10/5/2008 11:00	-5	1.4	3.1	5	10.1	50.2	58
10/5/2008 12:00	-5	2.6	5.8	323	10.3	50.5	53
10/5/2008 13:00	4	3.8	8.5	301	12.3	54.1	43
10/5/2008 14:00	-5	4.8	10.7	281	12.2	54.0	40
10/5/2008 15:00	1	5.6	12.5	293	12.0	53.6	39
10/5/2008 16:00	4	BA	BA	BA	12.5	54.5	33
10/5/2008 17:00	3	4.2	9.4	277	11.7	53.1	34
10/5/2008 18:00	-3	3.3	7.4	293	9.9	49.8	41
10/5/2008 19:00	-5	2.3	5.1	307	8.6	47.5	46
10/5/2008 20:00	3	1.9	4.3	294	8.1	46.6	52
10/5/2008 21:00	1	1.2	2.7	264	6.9	44.4	61
10/5/2008 22:00	-5	1.2	2.7	226	6.0	42.8	63
10/5/2008 23:00	-3	0.9	2.0	162	5.3	41.5	65
10/6/2008 0:00	1	1.3	2.9	354	4.3	39.7	74
10/6/2008 1:00	0	1.7	3.8	56	4.2	39.6	75
10/6/2008 2:00	9	1.5	3.4	59	3.1	37.6	76
10/6/2008 3:00	-5	1.0	2.2	52	2.8	37.0	75
10/6/2008 4:00	16	0.9	2.0	292	0.1	32.2	82
10/6/2008 5:00	10	0.8	1.8	250	-1.1	30.0	86
10/6/2008 6:00	17	0.7	1.6	271	-1.5	29.3	86
10/6/2008 7:00	5	0.7	1.6	299	-1.8	28.8	87
10/6/2008 8:00	-2	0.5	1.1	176	0.0	32.0	85
10/6/2008 9:00	-5	1.5	3.4	184	5.1	41.2	66
10/6/2008 10:00	10	1.5	3.4	303	8.5	47.3	54
10/6/2008 11:00	15	1.3	2.9	8	10.0	50.0	48
10/6/2008 12:00	-1	1.3	2.9	21	11.3	52.3	45
10/6/2008 13:00	-4	1.7	3.8	341	12.3	54.1	43
10/6/2008 14:00	0	1.6	3.6	335	12.6	54.7	40
10/6/2008 15:00	12	2.3	5.1	324	14.0	57.2	36
10/6/2008 16:00	6	3.6	8.1	294	15.2	59.4	30
10/6/2008 17:00	2	3.3	7.4	306	14.3	57.7	32
10/6/2008 18:00	1	1.2	2.7	15	11.7	53.1	45
10/6/2008 19:00	-5	0.7	1.6	341	6.2	43.2	67
10/6/2008 20:00	9	0.7	1.6	276	3.5	38.3	75
10/6/2008 21:00	1	0.8	1.8	193	1.2	34.2	80
10/6/2008 22:00	2	1.2	2.7	177	1.7	35.1	76
10/6/2008 23:00	0	1.3	2.9	160	1.1	34.0	77
10/7/2008 0:00	-5	1.5	3.4	160	1.4	34.5	74
10/7/2008 1:00	1	0.9	2.0	157	1.6	34.9	75
10/7/2008 2:00	4	2.1	4.7	186	5.7	42.3	59
10/7/2008 3:00	0	2.4	5.4	186	7.0	44.6	55
10/7/2008 4:00	-1	3.2	7.2	184	9.0	48.2	50
10/7/2008 5:00	2	3.6	8.1	191	9.3	48.7	49
10/7/2008 6:00	7	3.5	7.8	179	9.5	49.1	49
10/7/2008 7:00	2	3.1	6.9	179	9.6	49.3	49
10/7/2008 8:00	1	3.4	7.6	177	11.3	52.3	45
10/7/2008 9:00	11	3.7	8.3	178	12.6	54.7	43
10/7/2008 10:00	15	4.3	9.6	185	15.4	59.7	37
10/7/2008 11:00	26	7.0	15.7	215	16.5	61.7	36
10/7/2008 12:00	20	7.5	16.8	223	17.2	63.0	38
10/7/2008 13:00	8	5.5	12.3	209	18.1	64.6	36
10/7/2008 14:00	36	6.4	14.3	237	18.6	65.5	34
10/7/2008 15:00	-5	6.0	13.4	273	11.2	52.2	71
10/7/2008 16:00	-5	5.5	12.3	268	11.1	52.0	62
10/7/2008 17:00	4	4.4	9.8	239	11.3	52.3	53
10/7/2008 18:00	-1	4.2	9.4	233	10.0	50.0	50
10/7/2008 19:00	1	2.2	4.9	233	8.1	46.6	52
10/7/2008 20:00	-1	2.6	5.8	235	7.3	45.1	49
10/7/2008 21:00	-5	2.3	5.1	261	6.2	43.2	49
10/7/2008 22:00	13	3.9	8.7	275	5.9	42.6	44
10/7/2008 23:00	3	2.8	6.3	255	4.3	39.7	48
10/8/2008 0:00	6	1.0	2.2	260	2.3	36.1	54
10/8/2008 1:00	2	2.1	4.7	256	1.1	34.0	58
10/8/2008 2:00	2	3.2	7.2	250	2.8	37.0	52
10/8/2008 3:00	6	2.8	6.3	253	2.1	35.8	53
10/8/2008 4:00	7	2.4	5.4	257	2.0	35.6	52
10/8/2008 5:00	6	1.2	2.7	226	0.1	32.2	58
10/8/2008 6:00	-5	1.2	2.7	242	-1.1	30.0	64
10/8/2008 7:00	11	1.5	3.4	181	-1.7	28.9	65

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/8/2008 8:00	-5	2.3	5.1	205	0.3	32.5	59
10/8/2008 9:00	10	4.3	9.6	260	4.9	40.8	43
10/8/2008 10:00	-3	4.3	9.6	263	5.8	42.4	36
10/8/2008 11:00	6	4.9	11.0	255	7.0	44.6	31
10/8/2008 12:00	5	4.3	9.6	247	7.8	46.0	29
10/8/2008 13:00	6	4.3	9.6	254	8.5	47.3	27
10/8/2008 14:00	5	4.4	9.8	249	8.8	47.8	25
10/8/2008 15:00	-2	4.4	9.8	263	9.2	48.6	25
10/8/2008 16:00	2	4.8	10.7	291	9.1	48.4	23
10/8/2008 17:00	-4	4.1	9.2	304	8.3	46.9	24
10/8/2008 18:00	2	1.9	4.3	320	5.7	42.3	33
10/8/2008 19:00	-5	0.9	2.0	62	2.2	36.0	46
10/8/2008 20:00	-3	1.2	2.7	65	1.4	34.5	46
10/8/2008 21:00	1	1.0	2.2	324	-0.1	31.8	51
10/8/2008 22:00	5	0.9	2.0	296	-5.6	21.9	70
10/8/2008 23:00	2	0.9	2.0	255	-7.6	18.3	77
10/9/2008 0:00	2	0.7	1.6	153	-7.1	19.2	75
10/9/2008 1:00	6	0.6	1.3	180	-8.2	17.2	82
10/9/2008 2:00	7	0.8	1.8	166	-8.0	17.6	77
10/9/2008 3:00	5	0.8	1.8	136	-9.0	15.8	80
10/9/2008 4:00	7	0.9	2.0	167	-9.5	14.9	79
10/9/2008 5:00	6	0.9	2.0	172	-9.1	15.6	78
10/9/2008 6:00	13	0.8	1.8	194	-10.4	13.3	80
10/9/2008 7:00	7	0.5	1.1	313	-11.2	11.8	85
10/9/2008 8:00	-5	0.7	1.6	225	-8.7	16.3	77
10/9/2008 9:00	-2	1.1	2.5	207	-2.6	27.3	57
10/9/2008 10:00	11	1.0	2.2	359	0.4	32.7	50
10/9/2008 11:00	2	1.5	3.4	22	3.2	37.8	45
10/9/2008 12:00	-3	2.3	5.1	355	4.7	40.5	40
10/9/2008 13:00	3	3.0	6.7	350	5.8	42.4	35
10/9/2008 14:00	10	3.9	8.7	347	5.8	42.4	37
10/9/2008 15:00	13	4.9	11.0	345	4.5	40.1	45
10/9/2008 16:00	5	4.6	10.3	348	2.8	37.0	54
10/9/2008 17:00	4	4.5	10.1	345	1.2	34.2	65
10/9/2008 18:00	9	4.4	9.8	341	-0.8	30.6	79
10/9/2008 19:00	54	3.8	8.5	342	-1.4	29.5	85
10/9/2008 20:00	20	3.2	7.2	341	-1.6	29.1	88
10/9/2008 21:00	16	2.8	6.3	345	-1.4	29.5	87
10/9/2008 22:00	9	2.8	6.3	349	-1.2	29.8	81
10/9/2008 23:00	-2	3.1	6.9	348	-1.1	30.0	79
10/10/2008 0:00	8	3.4	7.6	347	-1.3	29.7	80
10/10/2008 1:00	-2	3.8	8.5	346	-1.5	29.3	78
10/10/2008 2:00	-2	4.1	9.2	346	-2.2	28.0	78
10/10/2008 3:00	5	4.1	9.2	347	-2.8	27.0	77
10/10/2008 4:00	4	4.4	9.8	346	-3.3	26.1	78
10/10/2008 5:00	-4	4.4	9.8	345	-3.5	25.7	77
10/10/2008 6:00	-5	4.4	9.8	345	-3.5	25.7	79
10/10/2008 7:00	34	4.5	10.1	347	-3.7	25.3	81
10/10/2008 8:00	33	4.5	10.1	352	-3.1	26.4	77
10/10/2008 9:00	3	4.4	9.8	348	-2.3	27.9	69
10/10/2008 10:00	5	5.0	11.2	346	-1.4	29.5	63
10/10/2008 11:00	9	5.0	11.2	349	-1.1	30.0	63
10/10/2008 12:00	5	4.6	10.3	350	-0.5	31.1	58
10/10/2008 13:00	4	4.6	10.3	353	-0.3	31.5	54
10/10/2008 14:00	3	4.1	9.2	356	-0.3	31.5	53
10/10/2008 15:00	5	3.2	7.2	3	-0.3	31.5	52
10/10/2008 16:00	9	3.0	6.7	8	-0.5	31.1	52
10/10/2008 17:00	-2	3.3	7.4	356	-1.0	30.2	59
10/10/2008 18:00	13	3.0	6.7	352	-1.6	29.1	61
10/10/2008 19:00	5	2.9	6.5	350	-2.1	28.2	62
10/10/2008 20:00	5	2.6	5.8	355	-1.9	28.6	56
10/10/2008 21:00	0	2.5	5.6	358	-2.3	27.9	57
10/10/2008 22:00	-3	3.1	6.9	354	-3.0	26.6	63
10/10/2008 23:00	-1	2.7	6.0	355	-3.9	25.0	69
10/11/2008 0:00	1	2.6	5.8	351	-4.4	24.1	71
10/11/2008 1:00	2	2.7	6.0	349	-4.4	24.1	70
10/11/2008 2:00	-1	3.1	6.9	353	-4.5	23.9	71
10/11/2008 3:00	11	2.7	6.0	355	-4.3	24.3	68
10/11/2008 4:00	-4	2.5	5.6	355	-4.4	24.1	70
10/11/2008 5:00	1	2.7	6.0	358	-4.4	24.1	72
10/11/2008 6:00	12	2.7	6.0	357	-4.7	23.5	75
10/11/2008 7:00	-5	3.5	7.8	355	-4.6	23.7	76
10/11/2008 8:00	-5	3.5	7.8	352	-4.2	24.4	75
10/11/2008 9:00	-5	3.9	8.7	352	-3.4	25.9	74
10/11/2008 10:00	2	4.2	9.4	348	-2.5	27.5	69
10/11/2008 11:00	-2	4.7	10.5	350	-1.6	29.1	65
10/11/2008 12:00	-5	4.9	11.0	351	-1.6	29.1	64
10/11/2008 13:00	7	4.6	10.3	349	-1.1	30.0	62
10/11/2008 14:00	7	4.7	10.5	346	-0.6	30.9	61
10/11/2008 15:00	2	4.5	10.1	351	-1.1	30.0	64
10/11/2008 16:00	-5	3.6	8.1	354	-0.9	30.4	63
10/11/2008 17:00	-1	4.1	9.2	351	-1.2	29.8	63
10/11/2008 18:00	-2	4.2	9.4	349	-2.1	28.2	66
10/11/2008 19:00	4	4.0	8.9	349	-2.7	27.1	68
10/11/2008 20:00	-5	3.7	8.3	344	-3.3	26.1	71
10/11/2008 21:00	-1	3.8	8.5	351	-3.5	25.7	69
10/11/2008 22:00	6	3.3	7.4	354	-3.6	25.5	69
10/11/2008 23:00	-3	3.5	7.8	352	-3.8	25.2	71
10/12/2008 0:00	1	3.4	7.6	352	-4.0	24.8	71
10/12/2008 1:00	3	3.2	7.2	351	-4.3	24.3	74

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/12/2008 2:00	-5	2.8	6.3	353	-4.3	24.3	74
10/12/2008 3:00	48	2.8	6.3	352	-4.4	24.1	76
10/12/2008 4:00	-5	2.4	5.4	351	-4.5	23.9	74
10/12/2008 5:00	8	2.2	4.9	355	-4.5	23.9	73
10/12/2008 6:00	47	2.3	5.1	353	-4.7	23.5	77
10/12/2008 7:00	287	2.6	5.8	345	-5.6	21.9	87
10/12/2008 8:00	155	2.2	4.9	343	-5.6	21.9	87
10/12/2008 9:00	192	2.5	5.6	347	-5.2	22.6	87
10/12/2008 10:00	72	1.7	3.8	2	-4.8	23.4	87
10/12/2008 11:00	64	2.0	4.5	356	-4.4	24.1	86
10/12/2008 12:00	28	1.9	4.3	356	-3.7	25.3	84
10/12/2008 13:00	1	1.3	2.9	360	-2.5	27.5	82
10/12/2008 14:00	-1	1.0	2.2	5	-1.4	29.5	79
10/12/2008 15:00	-3	1.5	3.4	338	-1.3	29.7	71
10/12/2008 16:00	9	1.0	2.2	44	-1.6	29.1	69
10/12/2008 17:00	-3	0.8	1.8	2	-2.7	27.1	77
10/12/2008 18:00	0	0.5	1.1	88	-3.5	25.7	82
10/12/2008 19:00	-5	0.6	1.3	256	-6.0	21.2	87
10/12/2008 20:00	8	0.4	0.9	160	-7.5	18.5	89
10/12/2008 21:00	14	0.6	1.3	192	-9.1	15.6	87
10/12/2008 22:00	-2	0.4	0.9	163	-11.0	12.2	86
10/12/2008 23:00	1	0.6	1.3	163	-11.5	11.3	84
10/13/2008 0:00	5	0.5	1.1	297	-12.6	9.3	84
10/13/2008 1:00	22	0.6	1.3	55	-10.4	13.3	85
10/13/2008 2:00	58	0.6	1.3	74	-9.6	14.7	86
10/13/2008 3:00	36	0.5	1.1	170	-9.8	14.4	85
10/13/2008 4:00	-1	0.5	1.1	265	-9.7	14.5	85
10/13/2008 5:00	-2	0.5	1.1	127	-9.6	14.7	84
10/13/2008 6:00	8	0.6	1.3	5	-9.6	14.7	85
10/13/2008 7:00	-4	0.4	0.9	2	-11.3	11.7	84
10/13/2008 8:00	-5	0.4	0.9	308	-10.7	12.7	84
10/13/2008 9:00	11	0.6	1.3	351	-7.5	18.5	86
10/13/2008 10:00	-4	0.5	1.1	17	-4.8	23.4	85
10/13/2008 11:00	1	0.8	1.8	14	-1.5	29.3	73
10/13/2008 12:00	10	1.4	3.1	104	3.4	38.1	58
10/13/2008 13:00	4	2.7	6.0	173	7.4	45.3	47
10/13/2008 14:00	12	2.6	5.8	178	8.7	47.7	46
10/13/2008 15:00	15	1.7	3.8	327	10.0	50.0	47
10/13/2008 16:00	6	1.8	4.0	287	10.6	51.1	47
10/13/2008 17:00	-4	1.1	2.5	348	8.1	46.6	57
10/13/2008 18:00	7	1.0	2.2	5	5.7	42.3	63
10/13/2008 19:00	-2	1.1	2.5	145	3.5	38.3	69
10/13/2008 20:00	0	2.6	5.8	189	6.2	43.2	61
10/13/2008 21:00	4	2.8	6.3	141	5.7	42.3	63
10/13/2008 22:00	-1	2.9	6.5	180	5.8	42.4	61
10/13/2008 23:00	0	3.7	8.3	194	6.4	43.5	57
10/14/2008 0:00	2	2.7	6.0	183	5.6	42.1	62
10/14/2008 1:00	4	2.5	5.6	163	5.2	41.4	65
10/14/2008 2:00	-5	3.6	8.1	168	4.5	40.1	67
10/14/2008 3:00	-3	3.7	8.3	180	5.5	41.9	62
10/14/2008 4:00	4	4.0	8.9	182	5.8	42.4	60
10/14/2008 5:00	-3	3.7	8.3	170	5.5	41.9	60
10/14/2008 6:00	2	3.0	6.7	189	6.5	43.7	59
10/14/2008 7:00	1	2.9	6.5	201	6.5	43.7	62
10/14/2008 8:00	-5	2.8	6.3	156	5.8	42.4	64
10/14/2008 9:00	2	2.3	5.1	204	7.4	45.3	61
10/14/2008 10:00	-1	4.1	9.2	250	8.8	47.8	57
10/14/2008 11:00	4	3.2	7.2	256	10.0	50.0	52
10/14/2008 12:00	-3	1.3	2.9	40	8.0	46.4	67
10/14/2008 13:00	BA	1.3	2.9	28	9.5	49.1	59
10/14/2008 14:00	BA	1.3	2.9	35	9.3	48.7	60
10/14/2008 15:00	6	1.3	2.9	4	10.2	50.4	56
10/14/2008 16:00	-5	1.7	3.8	343	9.2	48.6	57
10/14/2008 17:00	-3	3.1	6.9	291	8.7	47.7	53
10/14/2008 18:00	-3	2.1	4.7	271	6.6	43.9	57
10/14/2008 19:00	-5	1.1	2.5	285	2.8	37.0	68
10/14/2008 20:00	-5	1.0	2.2	266	0.2	32.4	76
10/14/2008 21:00	3	1.3	2.9	266	1.3	34.3	73
10/14/2008 22:00	-2	1.1	2.5	272	-0.1	31.8	76
10/14/2008 23:00	8	0.7	1.6	194	-1.5	29.3	80
10/15/2008 0:00	0	0.9	2.0	158	-2.5	27.5	84
10/15/2008 1:00	19	0.7	1.6	92	-3.6	25.5	86
10/15/2008 2:00	-5	0.8	1.8	185	-3.9	25.0	88
10/15/2008 3:00	1	0.6	1.3	27	-5.1	22.8	87
10/15/2008 4:00	23	0.7	1.6	273	-4.5	23.9	87
10/15/2008 5:00	2	0.4	0.9	277	-3.6	25.5	85
10/15/2008 6:00	3	0.6	1.3	233	-3.2	26.2	86
10/15/2008 7:00	9	0.5	1.1	253	-3.5	25.7	86
10/15/2008 8:00	-5	0.7	1.6	272	-3.2	26.2	84
10/15/2008 9:00	-5	0.7	1.6	189	1.1	34.0	70
10/15/2008 10:00	8	1.3	2.9	123	3.7	38.7	63
10/15/2008 11:00	11	1.2	2.7	103	6.5	43.7	56
10/15/2008 12:00	7	1.2	2.7	227	8.8	47.8	49
10/15/2008 13:00	4	1.4	3.1	8	8.9	48.0	53
10/15/2008 14:00	3	1.5	3.4	355	8.9	48.0	52
10/15/2008 15:00	5	1.1	2.5	22	9.0	48.2	51
10/15/2008 16:00	2	1.5	3.4	145	10.2	50.4	44
10/15/2008 17:00	1	0.9	2.0	55	9.3	48.7	47
10/15/2008 18:00	2	0.7	1.6	302	7.4	45.3	60
10/15/2008 19:00	9	0.7	1.6	174	6.0	42.8	64
10/15/2008 20:00	4	1.1	2.5	228	5.8	42.4	60

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/15/2008 21:00	3	1.2	2.7	179	5.2	41.4	64
10/15/2008 22:00	1	1.2	2.7	191	2.8	37.0	73
10/15/2008 23:00	8	2.1	4.7	187	3.1	37.6	74
10/16/2008 0:00	6	1.3	2.9	185	2.5	36.5	76
10/16/2008 1:00	5	1.8	4.0	190	3.0	37.4	76
10/16/2008 2:00	3	1.2	2.7	240	2.1	35.8	76
10/16/2008 3:00	8	0.5	1.1	234	-0.6	30.9	82
10/16/2008 4:00	-2	0.6	1.3	240	-0.6	30.9	84
10/16/2008 5:00	9	1.0	2.2	184	-0.5	31.1	83
10/16/2008 6:00	-3	0.7	1.6	312	0.1	32.2	82
10/16/2008 7:00	-5	1.3	2.9	201	1.3	34.3	79
10/16/2008 8:00	-1	1.5	3.4	187	2.6	36.7	73
10/16/2008 9:00	4	2.3	5.1	188	4.9	40.8	63
10/16/2008 10:00	6	3.0	6.7	206	6.6	43.9	56
10/16/2008 11:00	6	3.1	6.9	223	6.8	44.2	58
10/16/2008 12:00	5	2.0	4.5	191	8.3	46.9	54
10/16/2008 13:00	6	1.2	2.7	14	9.2	48.6	53
10/16/2008 14:00	4	1.2	2.7	356	9.0	48.2	55
10/16/2008 15:00	-4	1.1	2.5	6	9	48.2	55
10/16/2008 16:00	16	1.6	3.6	345	10.1	50.2	53
10/16/2008 17:00	0	1.1	2.5	26	8.8	47.8	58
10/16/2008 18:00	0	1.1	2.5	26	7.5	45.5	63
10/16/2008 19:00	8	1.2	2.7	338	6.0	42.8	69
10/16/2008 20:00	7	0.9	2.0	327	5.2	41.4	73
10/16/2008 21:00	5	0.5	1.1	180	4.5	40.1	76
10/16/2008 22:00	5	1.3	2.9	206	5.4	41.7	73
10/16/2008 23:00	0	1.0	2.2	212	3.7	38.7	78
10/17/2008 0:00	4	1.8	4.0	200	4.3	39.7	77
10/17/2008 1:00	8	1.7	3.8	193	6.1	43.0	70
10/17/2008 2:00	8	1.1	2.5	297	0.5	32.9	83
10/17/2008 3:00	-1	0.9	2.0	161	-0.5	31.1	88
10/17/2008 4:00	2	1.3	2.9	210	1.7	35.1	81
10/17/2008 5:00	-5	2.1	4.7	182	5.3	41.5	71
10/17/2008 6:00	15	2.5	5.6	148	3.5	38.3	75
10/17/2008 7:00	-5	2.4	5.4	144	1.7	35.1	81
10/17/2008 8:00	12	2.2	4.9	136	2.3	36.1	79
10/17/2008 9:00	-2	3.2	7.2	177	7.6	45.7	62
10/17/2008 10:00	10	4.4	9.8	189	11.5	52.7	49
10/17/2008 11:00	6	4.6	10.3	187	14.0	57.2	41
10/17/2008 12:00	6	4.7	10.5	190	16.2	61.2	37
10/17/2008 13:00	17	4.8	10.7	211	18.0	64.4	35
10/17/2008 14:00	11	4.7	10.5	212	19.2	66.6	33
10/17/2008 15:00	3	4.0	8.9	204	20.2	68.4	32
10/17/2008 16:00	8	4.3	9.6	208	20.5	68.9	31
10/17/2008 17:00	5	3.6	8.1	217	19.2	66.6	34
10/17/2008 18:00	-5	2.4	5.4	200	16.4	61.5	42
10/17/2008 19:00	5	1.2	2.7	256	12.2	54.0	54
10/17/2008 20:00	6	0.8	1.8	303	9.4	48.9	65
10/17/2008 21:00	4	0.7	1.6	297	5.9	42.6	74
10/17/2008 22:00	-3	1.0	2.2	188	6.1	43.0	73
10/17/2008 23:00	5	2.3	5.1	238	9.1	48.4	61
10/18/2008 0:00	8	2.1	4.7	223	9.9	49.8	58
10/18/2008 1:00	0	2.4	5.4	239	10.5	50.9	55
10/18/2008 2:00	0	2.3	5.1	237	9.8	49.6	57
10/18/2008 3:00	1	2.5	5.6	227	10.0	50.0	56
10/18/2008 4:00	-2	2.7	6.0	194	9.8	49.6	57
10/18/2008 5:00	-3	2.6	5.8	208	8.8	47.8	60
10/18/2008 6:00	6	2.7	6.0	217	8.8	47.8	59
10/18/2008 7:00	6	3.2	7.2	215	8.2	46.8	60
10/18/2008 8:00	7	3.4	7.6	215	8.8	47.8	57
10/18/2008 9:00	3	2.3	5.1	197	9.7	49.5	54
10/18/2008 10:00	12	1.4	3.1	307	11.8	53.2	50
10/18/2008 11:00	7	1.9	4.3	344	13.0	55.4	49
10/18/2008 12:00	19	1.8	4.0	16	16.1	61.0	43
10/18/2008 13:00	6	1.8	4.0	30	16.9	62.4	43
10/18/2008 14:00	10	1.7	3.8	25	17.6	63.7	42
10/18/2008 15:00	8	2.2	4.9	7	17.2	63.0	45
10/18/2008 16:00	-5	2.0	4.5	21	14.6	58.3	53
10/18/2008 17:00	4	1.2	2.7	58	14.2	57.6	51
10/18/2008 18:00	-3	1.5	3.4	352	12.4	54.3	55
10/18/2008 19:00	-3	1.7	3.8	337	11.6	52.9	58
10/18/2008 20:00	2	2.1	4.7	297	11.9	53.4	55
10/18/2008 21:00	-4	3.5	7.8	298	11.9	53.4	54
10/18/2008 22:00	1	1.9	4.3	271	11.6	52.9	55
10/18/2008 23:00	6	0.9	2.0	323	9.7	49.5	65
10/19/2008 0:00	1	1.0	2.2	341	7.7	45.9	79
10/19/2008 1:00	11	0.9	2.0	1	7.9	46.2	78
10/19/2008 2:00	-1	0.9	2.0	42	7.9	46.2	77
10/19/2008 3:00	1	1.5	3.4	308	6.0	42.8	82
10/19/2008 4:00	11	0.7	1.6	165	4.7	40.5	88
10/19/2008 5:00	5	0.5	1.1	233	3.6	38.5	90
10/19/2008 6:00	-4	0.7	1.6	187	2.5	36.5	92
10/19/2008 7:00	0	0.9	2.0	231	1.2	34.2	91
10/19/2008 8:00	-5	1.0	2.2	159	1.5	34.7	92
10/19/2008 9:00	23	0.6	1.3	172	5.7	42.3	81
10/19/2008 10:00	10	0.9	2.0	215	9.9	49.8	67
10/19/2008 11:00	6	1.1	2.5	147	12.2	54.0	59
10/19/2008 12:00	7	1.1	2.5	119	13.4	56.1	53
10/19/2008 13:00	8	1.3	2.9	78	14.8	58.6	43
10/19/2008 14:00	-3	1.3	2.9	1	14.6	58.3	49

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/19/2008 15:00	-1	1.0	2.2	4	14.3	57.7	49
10/19/2008 16:00	-1	1.8	4.0	348	14.6	58.3	47
10/19/2008 17:00	-3	1.4	3.1	348	13.0	55.4	52
10/19/2008 18:00	-3	0.7	1.6	6	10.1	50.2	63
10/19/2008 19:00	7	0.6	1.3	277	5.9	42.6	77
10/19/2008 20:00	1	0.6	1.3	189	2.1	35.8	86
10/19/2008 21:00	8	0.5	1.1	144	1.3	34.3	89
10/19/2008 22:00	17	1.1	2.5	134	1.3	34.3	87
10/19/2008 23:00	15	1.3	2.9	192	2.0	35.6	86
10/20/2008 0:00	16	1.3	2.9	142	1.6	34.9	86
10/20/2008 1:00	0	1.1	2.5	146	0.3	32.5	88
10/20/2008 2:00	-5	0.7	1.6	6	-0.4	31.3	89
10/20/2008 3:00	26	1.4	3.1	234	1.3	34.3	88
10/20/2008 4:00	3	1.8	4.0	236	2.5	36.5	83
10/20/2008 5:00	-5	1.9	4.3	285	2.6	36.7	81
10/20/2008 6:00	8	2.7	6.0	220	4.3	39.7	78
10/20/2008 7:00	10	2.2	4.9	220	3.5	38.3	81
10/20/2008 8:00	-2	1.4	3.1	297	4.8	40.6	75
10/20/2008 9:00	7	2.4	5.4	211	7.9	46.2	66
10/20/2008 10:00	5	2.7	6.0	172	11.8	53.2	52
10/20/2008 11:00	18	2.9	6.5	170	15.6	60.1	36
10/20/2008 12:00	-4	4.1	9.2	161	16.0	60.8	35
10/20/2008 13:00	11	4.6	10.3	208	15.9	60.6	34
10/20/2008 14:00	18	4.7	10.5	199	17.1	62.8	31
10/20/2008 15:00	8	4.7	10.5	200	17.6	63.7	29
10/20/2008 16:00	-3	4.2	9.4	205	17.4	63.3	30
10/20/2008 17:00	10	4.7	10.5	226	16.2	61.2	32
10/20/2008 18:00	8	1.6	3.6	241	12.1	53.8	48
10/20/2008 19:00	4	1.5	3.4	353	10	50.0	60
10/20/2008 20:00	9	1.7	3.8	31	8.3	46.9	69
10/20/2008 21:00	26	2.9	6.5	43	5.4	41.7	76
10/20/2008 22:00	-5	1.9	4.3	57	0.8	33.4	88
10/20/2008 23:00	17	1.0	2.2	101	0.7	33.3	87
10/21/2008 0:00	2	0.8	1.8	154	1.0	33.8	85
10/21/2008 1:00	-5	1.3	2.9	185	0.5	32.9	85
10/21/2008 2:00	7	1.6	3.6	182	0.8	33.4	83
10/21/2008 3:00	14	1.9	4.3	241	0.9	33.6	80
10/21/2008 4:00	14	1.1	2.5	179	0.4	32.7	84
10/21/2008 5:00	12	1.2	2.7	202	-0.5	31.1	89
10/21/2008 6:00	0	0.3	0.7	228	-0.6	30.9	85
10/21/2008 7:00	-3	0.3	0.7	308	-0.7	30.7	84
10/21/2008 8:00	-5	0.5	1.1	268	-0.8	30.6	85
10/21/2008 9:00	0	3.5	7.8	245	0.1	32.2	72
10/21/2008 10:00	-5	2.9	6.5	264	0.6	33.1	69
10/21/2008 11:00	-1	2.6	5.8	309	1.7	35.1	65
10/21/2008 12:00	0	2.6	5.8	262	2.2	36.0	63
10/21/2008 13:00	-5	3.6	8.1	257	2.6	36.7	61
10/21/2008 14:00	2	3.9	8.7	283	3.5	38.3	54
10/21/2008 15:00	-1	3.8	8.5	301	4.7	40.5	51
10/21/2008 16:00	2	4.3	9.6	263	3.3	37.9	56
10/21/2008 17:00	5	3.2	7.2	281	1.4	34.5	65
10/21/2008 18:00	184	1.5	3.4	270	-1.4	29.5	82
10/21/2008 19:00	-5	1.5	3.4	271	-0.9	30.4	70
10/21/2008 20:00	0	1.2	2.7	307	-2.2	28.0	70
10/21/2008 21:00	1	0.8	1.8	325	-3.0	26.6	73
10/21/2008 22:00	10	0.5	1.1	80	-4.6	23.7	78
10/21/2008 23:00	4	0.6	1.3	181	-5.7	21.7	80
10/22/2008 0:00	9	0.6	1.3	222	-5.8	21.6	79
10/22/2008 1:00	2	1.3	2.9	161	-5.0	23.0	73
10/22/2008 2:00	8	1.5	3.4	181	-5.5	22.1	74
10/22/2008 3:00	-5	1.6	3.6	172	-5.8	21.6	75
10/22/2008 4:00	7	1.7	3.8	167	-6.9	19.6	77
10/22/2008 5:00	8	1.8	4.0	185	-7.1	19.2	77
10/22/2008 6:00	3	1.7	3.8	210	-7.7	18.1	77
10/22/2008 7:00	-1	1.5	3.4	200	-8.1	17.4	78
10/22/2008 8:00	-5	1.9	4.3	194	-6.8	19.8	73
10/22/2008 9:00	1	2.0	4.5	187	-2.9	26.8	62
10/22/2008 10:00	3	2.6	5.8	194	0.6	33.1	52
10/22/2008 11:00	2	2.7	6.0	186	3.3	37.9	42
10/22/2008 12:00	5	3.2	7.2	171	5.4	41.7	37
10/22/2008 13:00	3	2.7	6.0	165	7.4	45.3	31
10/22/2008 14:00	0	2.1	4.7	119	8.5	47.3	30
10/22/2008 15:00	7	1.5	3.4	43	10.0	50.0	27
10/22/2008 16:00	-1	1.9	4.3	355	9.5	49.1	32
10/22/2008 17:00	3	1.2	2.7	357	8.3	46.9	35
10/22/2008 18:00	-4	0.5	1.1	23	4.5	40.1	47
10/22/2008 19:00	-4	0.8	1.8	290	-1.3	29.7	70
10/22/2008 20:00	2	0.7	1.6	238	-3.5	25.7	75
10/22/2008 21:00	0	0.8	1.8	146	-3.1	26.4	80
10/22/2008 22:00	6	0.9	2.0	179	-3.2	26.2	77
10/22/2008 23:00	3	1.1	2.5	194	-2.9	26.8	74
10/23/2008 0:00	-5	1.3	2.9	169	-2.5	27.5	72
10/23/2008 1:00	-5	1.2	2.7	171	-2.5	27.5	72
10/23/2008 2:00	12	0.7	1.6	130	-4.2	24.4	80
10/23/2008 3:00	9	0.9	2.0	21	-4.7	23.5	80
10/23/2008 4:00	4	0.7	1.6	15	-6.5	20.3	84
10/23/2008 5:00	26	0.7	1.6	293	-7.6	18.3	84
10/23/2008 6:00	10	0.7	1.6	156	-8.0	17.6	87
10/23/2008 7:00	-5	1.0	2.2	190	-7.2	19.0	86
10/23/2008 8:00	16	2.7	6.0	142	-0.7	30.7	66

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/23/2008 9:00	17	2.1	4.7	118	2.1	35.8	58
10/23/2008 10:00	0	1.4	3.1	15	1.2	34.2	63
10/23/2008 11:00	1	1.2	2.7	24	6.1	43.0	49
10/23/2008 12:00	13	2.5	5.6	143	11.1	52.0	36
10/23/2008 13:00	19	4.5	10.1	205	15.6	60.1	23
10/23/2008 14:00	4	3.5	7.8	227	15.7	60.3	25
10/23/2008 15:00	8	1.4	3.1	10	12.5	54.5	38
10/23/2008 16:00	2	1.1	2.5	5	11.3	52.3	43
10/23/2008 17:00	15	1.4	3.1	7	11.7	53.1	40
10/23/2008 18:00	-5	0.9	2.0	344	7.4	45.3	51
10/23/2008 19:00	-4	0.8	1.8	316	3.0	37.4	62
10/23/2008 20:00	-3	1.0	2.2	296	2.0	35.6	64
10/23/2008 21:00	9	0.7	1.6	345	1.5	34.7	65
10/23/2008 22:00	-4	1.0	2.2	244	-0.9	30.4	73
10/23/2008 23:00	8	0.8	1.8	184	-1.8	28.8	76
10/24/2008 0:00	2	1.0	2.2	163	-2.3	27.9	76
10/24/2008 1:00	15	0.8	1.8	188	-2.5	27.5	77
10/24/2008 2:00	-2	0.8	1.8	134	-3.0	26.6	79
10/24/2008 3:00	3	0.8	1.8	187	-4.7	23.5	82
10/24/2008 4:00	7	0.6	1.3	185	-5.2	22.6	84
10/24/2008 5:00	4	1.2	2.7	186	-4.2	24.4	80
10/24/2008 6:00	7	1.6	3.6	180	-4.1	24.6	79
10/24/2008 7:00	2	1.7	3.8	200	-3.5	25.7	78
10/24/2008 8:00	-5	1.1	2.5	282	-2.7	27.1	76
10/24/2008 9:00	5	1.7	3.8	227	-0.7	30.7	73
10/24/2008 10:00	-2	1.0	2.2	328	0.9	33.6	71
10/24/2008 11:00	2	1.4	3.1	350	2.8	37.0	65
10/24/2008 12:00	16	1.3	2.9	14	5.8	42.4	56
10/24/2008 13:00	-2	1.7	3.8	356	6.2	43.2	54
10/24/2008 14:00	18	1.1	2.5	4	8.3	46.9	44
10/24/2008 15:00	12	1.2	2.7	16	10.8	51.4	38
10/24/2008 16:00	-5	1.9	4.3	337	9.3	48.7	44
10/24/2008 17:00	10	0.8	1.8	346	7.9	46.2	49
10/24/2008 18:00	7	0.8	1.8	184	5.0	41.0	58
10/24/2008 19:00	-2	1.0	2.2	164	2.6	36.7	70
10/24/2008 20:00	6	1.2	2.7	209	1.3	34.3	70
10/24/2008 21:00	5	1.3	2.9	188	2.9	37.2	58
10/24/2008 22:00	-3	1.3	2.9	163	3.2	37.8	54
10/24/2008 23:00	-5	2.0	4.5	228	5	41.0	45
10/25/2008 0:00	4	2.7	6.0	259	7.9	46.2	36
10/25/2008 1:00	3	2.6	5.8	256	8.9	48.0	36
10/25/2008 2:00	10	1.9	4.3	235	8.5	47.3	38
10/25/2008 3:00	7	2.9	6.5	231	10.2	50.4	40
10/25/2008 4:00	3	3.3	7.4	226	10.3	50.5	43
10/25/2008 5:00	6	3.9	8.7	236	11.1	52.0	45
10/25/2008 6:00	5	2.8	6.3	232	10.9	51.6	47
10/25/2008 7:00	8	3.3	7.4	237	10.4	50.7	52
10/25/2008 8:00	4	3.2	7.2	218	9.9	49.8	56
10/25/2008 9:00	3	2.2	4.9	236	11.2	52.2	50
10/25/2008 10:00	9	3.1	6.9	215	12.5	54.5	44
10/25/2008 11:00	7	3.4	7.6	220	12.7	54.9	42
10/25/2008 12:00	11	4.1	9.2	233	13.6	56.5	36
10/25/2008 13:00	7	4.2	9.4	255	13.9	57.0	33
10/25/2008 14:00	6	4.6	10.3	257	14.3	57.7	29
10/25/2008 15:00	12	3.8	8.5	271	14.8	58.6	23
10/25/2008 16:00	11	3.3	7.4	262	14.3	57.7	24
10/25/2008 17:00	-2	2.9	6.5	246	12.7	54.9	26
10/25/2008 18:00	-5	2.0	4.5	212	9.8	49.6	31
10/25/2008 19:00	8	2.2	4.9	205	8.3	46.9	34
10/25/2008 20:00	6	2.1	4.7	196	8.2	46.8	33
10/25/2008 21:00	-5	2.4	5.4	199	7.4	45.3	34
10/25/2008 22:00	8	2.5	5.6	199	7.3	45.1	32
10/25/2008 23:00	-4	2.9	6.5	211	7.1	44.8	29
10/26/2008 0:00	-3	2.9	6.5	223	7.1	44.8	28
10/26/2008 1:00	6	3.0	6.7	257	5.5	41.9	33
10/26/2008 2:00	-5	2.5	5.6	292	4.2	39.6	37
10/26/2008 3:00	10	1.2	2.7	40	2.8	37.0	43
10/26/2008 4:00	9	0.7	1.6	328	0.5	32.9	50
10/26/2008 5:00	-5	0.9	2.0	332	-2.0	28.4	58
10/26/2008 6:00	11	0.7	1.6	312	-5.8	21.6	74
10/26/2008 7:00	2	1.0	2.2	252	-7.2	19.0	77
10/26/2008 8:00	-3	0.4	0.9	130	-6.2	20.8	76
10/26/2008 9:00	4	1.0	2.2	169	-0.3	31.5	56
10/26/2008 10:00	8	1.0	2.2	82	3.3	37.9	45
10/26/2008 11:00	6	1.3	2.9	21	4.6	40.3	41
10/26/2008 12:00	15	1.2	2.7	19	6.0	42.8	38
10/26/2008 13:00	1	1.2	2.7	26	7.8	46.0	34
10/26/2008 14:00	9	1.2	2.7	17	9.2	48.6	31
10/26/2008 15:00	10	1.3	2.9	25	10.6	51.1	29
10/26/2008 16:00	5	1.2	2.7	9	10.4	50.7	30
10/26/2008 17:00	-1	0.7	1.6	9	8.8	47.8	35
10/26/2008 18:00	-2	0.7	1.6	292	3.9	39.0	52
10/26/2008 19:00	4	0.8	1.8	232	-1.7	28.9	70
10/26/2008 20:00	9	1.3	2.9	173	-1.2	29.8	66
10/26/2008 21:00	12	1.5	3.4	162	-1.6	29.1	66
10/26/2008 22:00	12	1.2	2.7	151	-2.6	27.3	65
10/26/2008 23:00	3	1.1	2.5	143	-2.3	27.9	65
10/27/2008 0:00	6	0.8	1.8	99	-3.1	26.4	68
10/27/2008 1:00	10	0.7	1.6	339	-5.3	22.5	75
10/27/2008 2:00	6	0.4	0.9	329	-7.3	18.9	81

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/27/2008 3:00	7	0.4	0.9	347	-7.5	18.5	83
10/27/2008 4:00	-3	0.8	1.8	109	-4.9	23.2	71
10/27/2008 5:00	16	0.9	2.0	340	-6.5	20.3	77
10/27/2008 6:00	6	0.5	1.1	254	-8.6	16.5	83
10/27/2008 7:00	17	0.5	1.1	237	-8.6	16.5	87
10/27/2008 8:00	-5	0.4	0.9	353	-8.3	17.1	86
10/27/2008 9:00	-5	0.6	1.3	353	-3.1	26.4	69
10/27/2008 10:00	22	1.2	2.7	11	1.6	34.9	54
10/27/2008 11:00	9	1.4	3.1	13	4.6	40.3	44
10/27/2008 12:00	8	1.5	3.4	3	7.6	45.7	36
10/27/2008 13:00	14	1.3	2.9	15	10.9	51.6	29
10/27/2008 14:00	12	1.4	3.1	5	13.4	56.1	23
10/27/2008 15:00	20	1.4	3.1	7	15.2	59.4	22
10/27/2008 16:00	16	1.4	3.1	359	15.6	60.1	21
10/27/2008 17:00	18	1.0	2.2	353	14.4	57.9	24
10/27/2008 18:00	-2	0.5	1.1	199	7.9	46.2	42
10/27/2008 19:00	-4	1.1	2.5	165	4.2	39.6	53
10/27/2008 20:00	13	1.3	2.9	159	3.0	37.4	57
10/27/2008 21:00	18	0.5	1.1	107	0.5	32.9	66
10/27/2008 22:00	18	1.1	2.5	136	1.2	34.2	65
10/27/2008 23:00	1	0.8	1.8	195	-0.2	31.6	67
10/28/2008 0:00	15	0.4	0.9	255	-2.9	26.8	78
10/28/2008 1:00	4	0.6	1.3	166	-2.5	27.5	77
10/28/2008 2:00	12	0.9	2.0	207	-2.7	27.1	77
10/28/2008 3:00	14	0.7	1.6	169	-1.8	28.8	73
10/28/2008 4:00	9	0.9	2.0	213	-1.6	29.1	69
10/28/2008 5:00	11	0.5	1.1	12	-3.4	25.9	79
10/28/2008 6:00	13	0.3	0.7	134	-4.4	24.1	85
10/28/2008 7:00	16	0.5	1.1	58	-4.0	24.8	84
10/28/2008 8:00	0	0.5	1.1	309	-4.4	24.1	83
10/28/2008 9:00	1	0.6	1.3	1	0.1	32.2	67
10/28/2008 10:00	14	1.0	2.2	10	4.7	40.5	55
10/28/2008 11:00	10	1.2	2.7	25	8.6	47.5	45
10/28/2008 12:00	8	1.2	2.7	20	12.1	53.8	36
10/28/2008 13:00	4	1.3	2.9	25	15.0	59.0	31
10/28/2008 14:00	11	1.3	2.9	23	17.1	62.8	28
10/28/2008 15:00	7	1.6	3.6	3	18.6	65.5	25
10/28/2008 16:00	13	1.4	3.1	1	18.5	65.3	25
10/28/2008 17:00	12	1.0	2.2	355	16.7	62.1	32
10/28/2008 18:00	-3	0.7	1.6	275	9.0	48.2	53
10/28/2008 19:00	14	0.5	1.1	247	3.3	37.9	70
10/28/2008 20:00	16	0.8	1.8	131	1.6	34.9	74
10/28/2008 21:00	10	1.2	2.7	134	1.1	34.0	71
10/28/2008 22:00	0	1.5	3.4	163	1.9	35.4	64
10/28/2008 23:00	10	1.1	2.5	177	3.2	37.8	58
10/29/2008 0:00	-5	1.0	2.2	173	2.1	35.8	61
10/29/2008 1:00	7	0.6	1.3	160	1.6	34.9	64
10/29/2008 2:00	1	1.0	2.2	157	1.9	35.4	62
10/29/2008 3:00	7	0.9	2.0	132	3	37.4	58
10/29/2008 4:00	11	0.6	1.3	20	0.9	33.6	69
10/29/2008 5:00	5	0.7	1.6	126	-1.6	29.1	78
10/29/2008 6:00	6	1.0	2.2	120	-0.8	30.6	77
10/29/2008 7:00	3	1.2	2.7	245	-0.5	31.1	79
10/29/2008 8:00	6	0.8	1.8	350	0.3	32.5	75
10/29/2008 9:00	4	1.1	2.5	6	-0.1	31.8	74
10/29/2008 10:00	3	1.3	2.9	326	2.1	35.8	67
10/29/2008 11:00	6	1.1	2.5	195	4.5	40.1	58
10/29/2008 12:00	15	1.2	2.7	196	10.0	50.0	40
10/29/2008 13:00	10	1.3	2.9	75	13.3	55.9	34
10/29/2008 14:00	9	1.3	2.9	10	15.7	60.3	29
10/29/2008 15:00	6	1.3	2.9	21	17.3	63.1	26
10/29/2008 16:00	6	1.9	4.3	1	17.4	63.3	26
10/29/2008 17:00	15	1.0	2.2	7	15.4	59.7	32
10/29/2008 18:00	-5	1.0	2.2	263	8.4	47.1	50
10/29/2008 19:00	3	1.3	2.9	173	6.0	42.8	58
10/29/2008 20:00	20	1.1	2.5	131	5.2	41.4	59
10/29/2008 21:00	12	1.3	2.9	129	3.7	38.7	62
10/29/2008 22:00	3	1.5	3.4	153	3.8	38.8	59
10/29/2008 23:00	10	1.8	4.0	171	3.8	38.8	58
10/30/2008 0:00	11	2.1	4.7	198	4.0	39.2	56
10/30/2008 1:00	17	2.2	4.9	186	4.3	39.7	54
10/30/2008 2:00	3	1.9	4.3	186	3.8	38.8	54
10/30/2008 3:00	7	1.7	3.8	183	4.4	39.9	52
10/30/2008 4:00	3	1.8	4.0	135	2.9	37.2	57
10/30/2008 5:00	7	2.0	4.5	162	2.1	35.8	60
10/30/2008 6:00	8	1.9	4.3	177	2.2	36.0	58
10/30/2008 7:00	11	1.8	4.0	172	2.6	36.7	57
10/30/2008 8:00	11	1.8	4.0	181	3.3	37.9	55
10/30/2008 9:00	13	1.8	4.0	189	7.8	46.0	44
10/30/2008 10:00	15	3.2	7.2	177	14.4	57.9	29
10/30/2008 11:00	7	3.8	8.5	160	15.7	60.3	26
10/30/2008 12:00	15	3.5	7.8	169	16.6	61.9	24
10/30/2008 13:00	5	3.4	7.6	167	17.8	64.0	22
10/30/2008 14:00	4	4.1	9.2	185	18.2	64.8	21
10/30/2008 15:00	8	4.3	9.6	209	18.2	64.8	22
10/30/2008 16:00	7	3.1	6.9	219	17.7	63.9	24
10/30/2008 17:00	7	1.9	4.3	197	16.3	61.3	27
10/30/2008 18:00	0	0.9	2.0	151	12.1	53.8	36
10/30/2008 19:00	-5	1.9	4.3	220	10.0	50.0	41
10/30/2008 20:00	7	2.4	5.4	211	9.7	49.5	41
10/30/2008 21:00	-2	1.5	3.4	180	7.0	44.6	47

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
10/30/2008 22:00	7	1.9	4.3	186	6.8	44.2	47
10/30/2008 23:00	7	1.3	2.9	163	4.9	40.8	53
10/31/2008 0:00	1	1.8	4.0	178	5.8	42.4	50
10/31/2008 1:00	7	1.3	2.9	193	4.5	40.1	54
10/31/2008 2:00	6	1.7	3.8	197	4.5	40.1	53
10/31/2008 3:00	4	1.4	3.1	209	4.4	39.9	53
10/31/2008 4:00	-2	1.4	3.1	211	4.2	39.6	53
10/31/2008 5:00	2	1.8	4.0	211	5	41.0	50
10/31/2008 6:00	-1	1.6	3.6	218	5.8	42.4	48
10/31/2008 7:00	6	1.9	4.3	216	6.9	44.4	45
10/31/2008 8:00	11	2.0	4.5	220	7.7	45.9	42
10/31/2008 9:00	6	2.0	4.5	220	8.4	47.1	41
10/31/2008 10:00	11	1.8	4.0	240	10.3	50.5	37
10/31/2008 11:00	5	2.2	4.9	231	13.2	55.8	33
10/31/2008 12:00	16	3.1	6.9	152	16.3	61.3	28
10/31/2008 13:00	2	3.3	7.4	155	16.3	61.3	28
10/31/2008 14:00	18	2.4	5.4	170	17.0	62.6	26
10/31/2008 15:00	5	2.8	6.3	193	17.8	64.0	25
10/31/2008 16:00	12	4.7	10.5	216	18.6	65.5	25
10/31/2008 17:00	-1	3.4	7.6	213	16.4	61.5	31
10/31/2008 18:00	5	3.1	6.9	193	14.9	58.8	36
10/31/2008 19:00	-1	2.3	5.1	204	12.8	55.0	43
10/31/2008 20:00	0	1.6	3.6	173	10.0	50.0	53
10/31/2008 21:00	6	2.1	4.7	184	10.5	50.9	51
10/31/2008 22:00	-5	1.5	3.4	144	9.6	49.3	54
10/31/2008 23:00	11	1.7	3.8	194	10.1	50.2	56
11/1/2008 0:00	8	2	4.5	188	9.3	48.7	62

BA = Routine maintenance / repairs